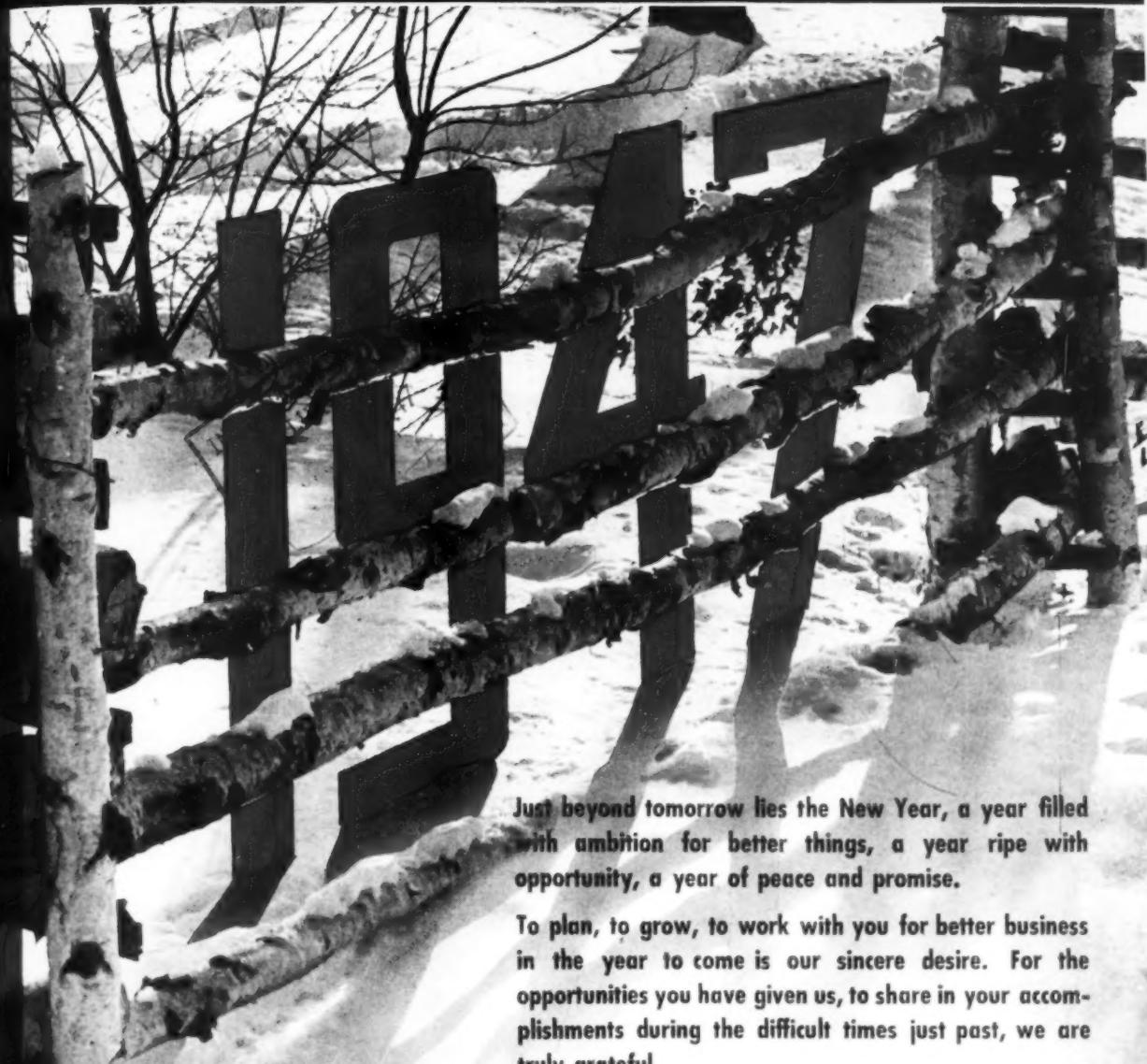


THE NATIONAL PROVISIONER

DECEMBER 28 • 1946

Leading Publication in the Meat Packing and Allied Industries Since 1891



Just beyond tomorrow lies the New Year, a year filled with ambition for better things, a year ripe with opportunity, a year of peace and promise.

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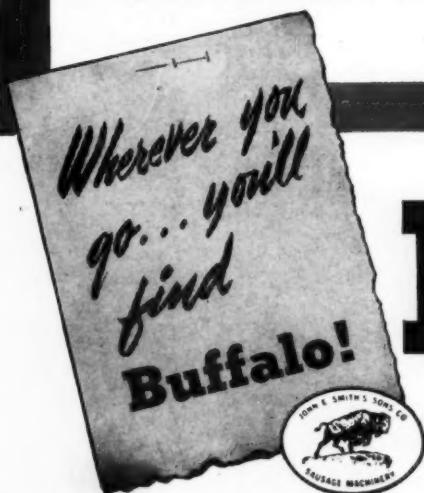
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THE NATIONAL PROVISIONER

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Number 26

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Meat and Gravy

An Australian farmer believes pigs should be made to work for their feed and to advance his theories has invented a pig feeding machine. The contrivance, known as the Thornton Feeder (named for the inventor), is of all steel construction, weighs 76 lbs. and stands about 4 feet high. Feed is placed in a hopper at the top and passes down between grinding plates into a shallow trough at the bottom. In order to get the grain, the pigs must push on a steel flap, the movement of which operates the grinder which crushes the grain and delivers it into the trough. Tests with eight pigs of different types and weights showed an average weight increase for the "working pigs" of 3 lbs. per day, the inventor claims.



A wartime experiment conducted by food chemists from a distilling company and the U.S. Department of Agriculture has proved that distiller's waste—waste product after alcohol extraction—is more than three times as fattening, pound for pound, than ordinary cattle feeds. The carefully controlled studies have determined the exact blend of enriched and fresh feeds that will put maximum weight on animals. As soon as distillers and cattle raisers swing into full cooperation, the scientists claim, there should be a half billion pounds of extra beef available annually.



A group of New Jersey deer hunters became the quarry rather than the hunters recently when they encountered a raging bull which had broken loose from a farm nearby and was grazing wild with a herd of deer. The several hundred pounds of fury charged the hunters when they approached the herd, scattering them right and left. One hardy individual, remembering what he was there for, finally shot and killed the animal.



Choice Iowa hams, accompanied by a poetic description of their succulence, were sent by Governor Robert D. Blue as Christmas gifts this year to the governors of the 47 other states. Each package contained a message identifying the ham as Iowa's porcine emissary to uphold good eating.



Christmas cards, reproduced from the Colgate University steward's journal, and mailed this year by the university president and his wife, reveal the following food prices for December, 1846: Choice beef, 3½c a pound; fresh pork, 5c a pound; butter, 12½c a pound; and sugar, \$20.48 per 238-pound barrel.



The *Wall Street Journal* tells us that "art is one of the many fields which must suffer from a lack of meat by-products. Art brushes are tufted with hair from steers' ears and watercolor paints contain ox gall."

An old-time greeting

from

The "Old Timer".....



*"My sincere best wishes
for a Happy, Prosperous
New Year ahead."*

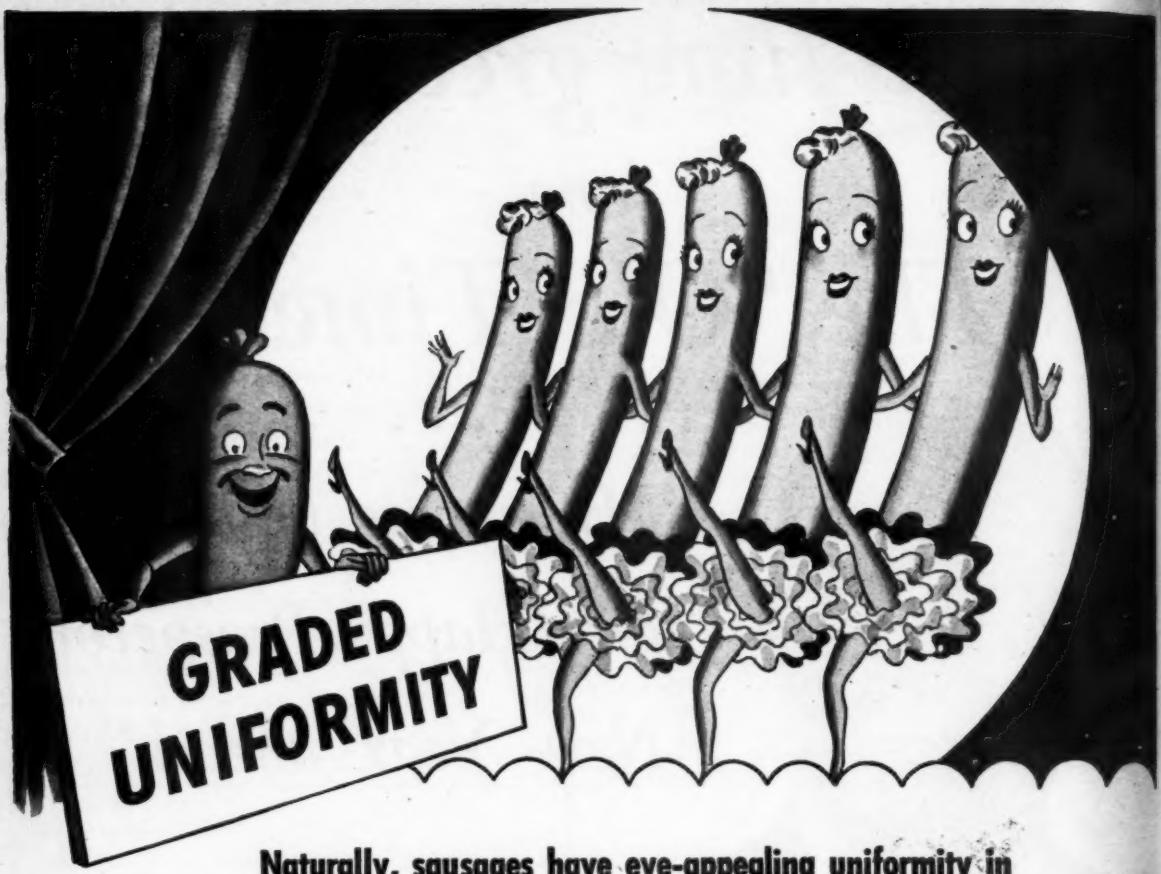
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Krey Predicts that 1947 Meat Supply for Consumers Will be Largest Since 1911

AMERICAN consumers during the coming year may expect a quantity of meat greater than for the past 26 years, John F. Krey, chairman of the board of the American Meat Institute said this weekend. Krey, who is executive vice president and general manager of the Krey Packing Co., St. Louis, added, in a year-end meat review, that the expected increase indicated a healthy expansion of the meat and the livestock industry; an objective sought for many years. The review continued:

The anticipated increase should be welcome to all consumers, after the shortages and even famine conditions they experienced at times last year, and during the war. Now this is all behind us and the industry can look forward to being able to furnish more meat to more people in a more orderly manner.

The government's tentative farm livestock production goals will permit a per capita meat consumption of 155 lbs. during 1947. Not since 1911 have American consumers had so much meat in prospect.

The government's goal of meat available for next year is about 10 lbs. more than was consumed per capita in 1946. This added quantity of meat—totaling about 2,500,000,000 lbs.—is expected as the result of marketing about 2,500,000 more beef cattle in 1947 than in 1946. Cattle slaughter next year is expected to reach 34,500,000 head.

Estimates for federally inspected hog slaughter during the 1946-1947 winter marketing period (November-April) are for about 30,000,000 head, or 2 per cent greater than during the same period a year ago. Marketings of hogs for the next few months are expected to follow normal trade channels, and federally inspected slaughter will not be affected so drastically by diversion to other channels as was the case when government price controls were in effect.

The industry would be reluctant at this time to predict that all kinds and cuts of meat would be plentiful at all times during the next twelve months.



JOHN F. KREY

For example, it may be that all cuts of pork will not be so available during the middle of next summer as many beef cuts may be. However, we feel reasonably sure that there always will be some kind and cut of meat—and plenty of it—in retail stores and public eating places during the year.

"Notwithstanding the large per capita meat consumption expected next year, the United States will be outranked by three other countries—New Zealand, Argentina and Australia—in the volume of meat consumed per capita.

"The millions of farmers and ranchers of this country have never failed yet successfully to meet a challenge for greater livestock production. Barring unforeseen circumstances, the meat packing industry does not look for any failure in meeting the government's goals.

"From reliable estimates, it is expected that American consumers will eat meat during January, February and March of next year at the annual per capita rate of about 156 lbs.; for the following three months, about 145 lbs.; for July, August and September, about 139 lbs.; and for the last three months of 1947, the annual per capita rate should be about 162 lbs.

"Whereas this country's meat packing industry is one of the nation's largest industries, its profits on sales are below those of 29 other leading industries. In recent years about 78.6c of each meat packer's sales dollar have been paid out for livestock. Payrolls account for 11c of the sales dollar. Supplies, interest, taxes, etc. account for 5.6c. Operations and transportation take 3.6c. The profits remaining have averaged 1.2c and are always so small as not to affect the price of meat to the consumer; averaging only a fraction of a cent a pound."

USDA SEEKING LARD

The U. S. Department of Agriculture has requested bids from meat packers operating under federal inspection for refined lard, P.S. lard and rendered pork fat in tierces, or 56 lb. boxes. Bids are to be received until 1 p.m. eastern standard time, January 2, 1947. They should be sent to James Cronkhite, livestock and meat branch, Production and Marketing Administration USDA Washington, D. C. It is understood that the department will buy a substantial quantity for UNRRA.

Contract Negotiations Between Large Firms and Unions Near End

Swift & Company this week announced the signing of a new contract agreement with the United Packinghouse Workers of America (CIO) providing wage increases ranging from 7 1/2 to 12 1/2c an hour. The contract will affect approximately 23,000 employees in 25 of the company plants.

Conclusion of the agreement marks the end of negotiations between representatives of the CIO union and officials of the four major industry firms which had been continuing intermittently since the termination of old worker contracts on August 11, 1946. Armour and Company, the Cudahy Packing Co., and Wilson & Co., Inc. had previously effected agreements covering employees in their plants represented by the CIO.

Also announced this week was the signing of an Armour and Company-Amalgamated Meat Cutters union contract granting a general 7 1/2c hourly wage increase plus geographical adjustments to approximately 10,000 employees in 13 of the company's plants. Holiday pay, a sick leave plan and other "fringe" adjustments similar to the other contracts signed were also included.

Both the AF of L and the CIO unions, officials said, have been devoting their time to the negotiation of new contracts with other meat packing companies whose workers they represent. It is presumed that all future contracts will be based on the wage pattern set by the larger firms and little difficulty is anticipated.

MEAT RATE INCREASE IS SHAVED BY COMMISSION

It was reported this week that the Interstate Commerce Commission had decided to modify its order in Ex Parte 162 to limit the increase in rail freight rates for meats to 20 per cent while retaining the 15 per cent advance on livestock rates called for by the order. The original ICC order provided for an increase of 15 per cent on livestock and increases varying from 15 to 25 per cent on products of livestock, depending on the origin and destination of shipment.

The commission's decision to raise livestock and meat rates by different percentages was unexpected since the industry had not considered adjustments between rates as being part of the program for a general rate increase. As a result, the commission was asked by a number of midwestern packers to modify its order so as to permit the maintenance of the current relationship between livestock and meat rates.

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28, 1946

Long-time Prospects for Meat Production

By GROVER J. SIMS

Bureau of Agricultural Economics
U. S. Department of Agriculture

DURING the past six years, producers of meat animals have had practically an unlimited market. Greatly increased consumer incomes, huge meat exports, and large military purchases supported an unprecedented demand for meat and other livestock products at favorable prices despite record production.

The prospect now, however, is that the demand for meat will turn downward by late 1947 or early 1948. Consumers in the past few years have been spending a smaller-than-usual proportion of their incomes for scarce non-farm goods, such as automobiles, refrigerators and sewing machines. More of these goods are now becoming available and consumers are expected to increase their expenditures for these items, and to spend a smaller share of their incomes for food.

Also, industrial and business activity are expected to decline from present levels during the latter part of next year. This decline, if it occurs, will lead to a decrease in prices received by farmers for meat animals, as meat-animal prices are always sensitive to changes in consumer incomes. This decline would result in lower cash receipts to producers and probably lower net returns. Significant in the picture here is the fact that, in a period of falling prices, meat-animal prices usually fall faster than the prices of commodities and services purchased for farm production and family living.

Expect High Live Prices

When price controls on meat were imposed in early 1942, prices of hogs, cattle, sheep, and lambs increased over 35 per cent from 1941. Prices rose 22 per cent under controls from April 1942 to June 1946, then increased substantially from July to September 1946, and after final decontrol in October 1946 reached even higher levels. In October 1946 they were 38 per cent higher than in June 1946, although since that time they have declined somewhat. Prices are likely to be well maintained close to present levels this winter, despite a seasonal peak in meat production.

Meat-animal production reached a peak in 1944 when it was 41 per cent greater than in 1939. Then total meat output declined moderately in 1945 and 1946 chiefly because of reduced hog production. But hog production in 1947 probably will be greater than in 1946 and cattle and calf production probably will be close to the 1945 record. Total

meat-animal production is likely to continue at a high level into 1948.

After decontrol, hog prices soared to new highs and, as corn prices fell from the record summer levels, the hog-corn ratio became favorable for increased hog production. Farmers can be expected to feed the hogs they now have on hand to heavy weights, and probably will increase spring farrowings. The spring pig crop of 1947 is likely to be substantially greater than in 1946 and probably will be the largest since the record large 1943 crop. An increase in the next fall's pig crop also is likely, as corn supplies are expected to be large.

Hog prices are likely to remain relatively high through next summer, especially as the 1946 fall pig crop is small. Although supplies of pork

PACKAGED MEALS OFFERED BY MAXSON CO. IN CONSUMER TEST IN NEWARK

Take home a neatly packaged tenderloin steak with gravy, green beans and French fried potatoes? Or how about a nice juicy sirloin with mushrooms and tomato gravy? These were but two of the Maxson cooked, frozen complete packaged meals offered recently to Newark, N. J., housewives in the first consumer test of an adaptation of the famous Strato-Meals introduced by the Maxson Co., New York City, early last year.

L. Bamberger & Co. department store was selected as outlet for the test and offered a list of ten menus ranging in price from 97¢ for a plate of frozen hamburger steak and two vegetables to sirloin steak and chicken paprika with two vegetables at \$1.63 and \$1.98 respectively. Since the test the packages have been introduced in 110 additional Newark outlets and will be distributed in other areas as fast as food supply permits.

The meals are contained in oblong plates made of a molded fibre treated with a plastic coating to make them resistant to oven temperatures of more than 400 degs. F. Covers are lined with soft aluminum foil to retain juices and flavor. Perforated strips at either end of the cover allow some of the foil to be removed for air circulation during cooking. Final cooking is accomplished in about half an hour. Both plate and cover come in a cellophane wrapper which includes a directions folder.

through next summer will be relatively small, it would appear that supplies will increase more-than-usual in the fall and winter of 1947-48 and may continue large throughout that marketing year. Winter hog marketings in 1947-48 now promise to be large.

Continued increases in hybrid corn acreages, further mechanization, and improved cultural practices, which are almost certain, point to large corn crops in the years ahead which will encourage large hog production.

Beef Cattle at Limit

Cattle numbers increased around 17,000,000 head from 1938 to 1944. The peak of 82,000,000 head was reached in that year, 11 per cent higher than the previous high of 1934. Numbers declined slightly in 1945, then increased somewhat in 1946. In recent years cattle numbers have increased more in the western Corn Belt and in the western states than in other regions. Declining numbers of work stock, improved pastures, better feed supplies, and lower sheep numbers make it possible to feed the large cattle herd. Total sheep and cattle numbers in some of the western and northern plains states may be in excess of grazing capacity under average weather and crop conditions. In other states, livestock numbers seem to be in close balance with grazing and forage resources.

The present level of cattle numbers could permit near-record production of beef and veal in 1947. Exports of beef next year are likely to decline from the high wartime levels. In the next year or two at least, per capita supplies of beef in this country promise to be among the largest since World War I.

Sheep in the Cellar

Stock sheep numbers at the beginning of 1947 will be the smallest in about two decades. Sheep numbers have declined around 15,000,000 head or 27 per cent from the 1942 peak. Numbers now are only around 13 per cent above the low of 1923.

Lamb and mutton supplies in the next few years will be low, if breeding stock numbers continue declining. Should numbers stabilize or increase, slaughter would fall off sharply because of the retention of more ewe lambs for flock replacements and less culling of older ewes. Small per capita supplies of lamb in prospect indicate that prices of lamb will be high relative to beef or pork.

The principal uncertainty in the sheep industry is the unfavorable outlook for wool prices. United States government wool stocks are now roughly equivalent to a year's domestic consumption at prewar rates. World wool stocks are now the largest on record, chiefly the result of war-interrupted consumption in Continental Europe and Japan. But as consumption increases in these important consuming countries, stocks may be reduced and this would bring supplies more in balance with consumption.

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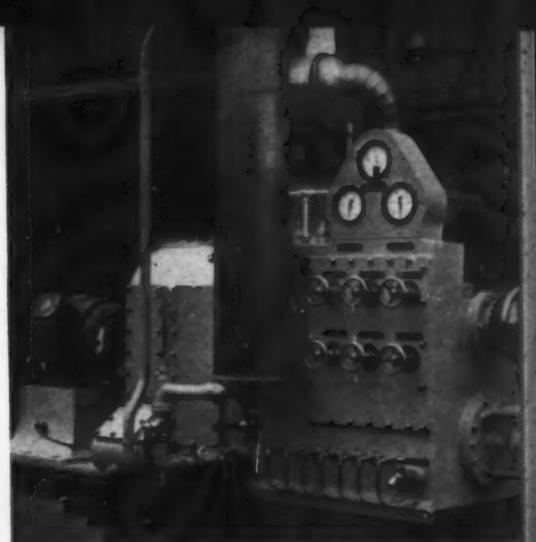
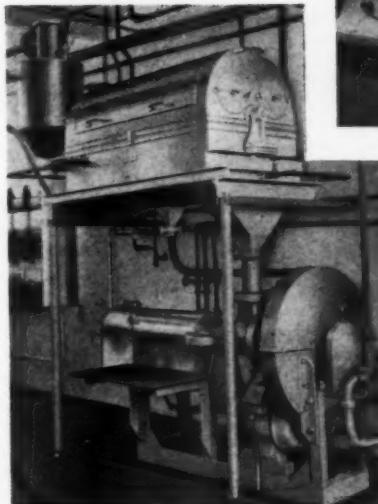
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Fats Reduced to Water, Lard and Solids for Centrifugal Separation

NEW processes are on the way for extracting lard from pork fat. Experts in the field indicate that there will probably be several interesting developments in this connection in the next few years and point to a non-solvent and non-rendering extraction process which one packer is employing in turning out a high grade animal fat shortening; the alkali rendering process on which the Kroger Foundation has done some promising research (see *THE NATIONAL PROVISIONER* of October 26, page 19) and a Danish rapid separation method.

The latter process, as explained by Vagn Jespersen, a Danish fats and oils technician studying in this country, has been thoroughly tested in Denmark and is in use in a number of Danish abattoirs and at plants in other countries. It is claimed that raw pork fat can be turned into finished lard ready for packaging in 15 minutes by this method. The equipment and the method of operation were developed by Titan A/S Tagensvej 86, Copenhagen, Denmark.

Briefly, the process is one in which the finely divided raw fat is broken down by heat and pressure into solids, fat and water. The solids are largely eliminated by screening and the fat and water are separated by putting the mixture through a special centrifuge.



FIGURES 2 AND 3

Figure 2 (above) is the combination grinder and rendering unit where the ground material is broken down by superheated steam. Figure 3 (left) shows combination screen and screw press. Gross solids (cracklings) drop from screen into press while fat, water and fine solids go on to centrifugal separation unit.

material is subjected to superheated steam and is changed into a mixture of water, relatively fat-free solids and melted fat. From this unit the mixture goes into a storage tank from which it is released into a rotary screen (see Figures 1 and 3). Here the gross solids are separated from the fat and water.

The cracklings then go through a mechanical screw press which extracts much of the residual fat but leaves the material with enough so that it can be used in sausage manufacture. The fact that the process gives a relatively high yield of cracklings suitable for edible purposes is emphasized as advantageous for Danish and other European processors; it would not be so important a factor to the American packer.

From the screen the fat-water mixture goes into tanks where the fat is washed thoroughly by injection of clean hot water. The mixture then moves to the self-cleaning sludge separators, or special centrifuges, from which the clean dry fat, water and protein sludge are discharged separately (see Figure 1 and Figure 4 on page 10).

The lard moves into a storage tank and thence into the plasticizing unit and the packaging machine (see Figure 1 and Figure 5 on page 10).

One analysis of lard produced by this process showed:

Free fatty acid	0.12 pct.
Moisture	0.06 pct.
Color	0.5 red
and 3.0 yellow, Lovibond	
Flavor	very mild
Melting point	42.6 C.

According to the manufacturer of the equipment, a plant can handle around 2,300 lbs. of raw pork fat, or slightly lesser amounts of beef fat, using approximately 18 kw hours of electricity;

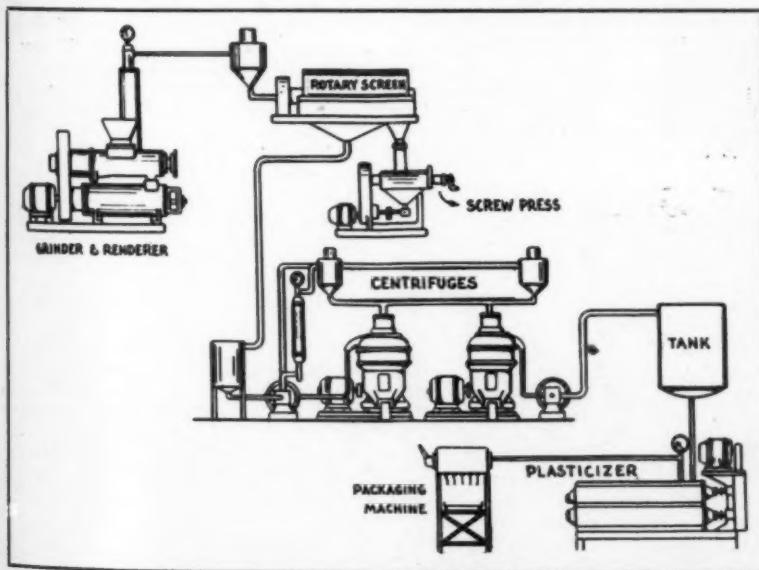


FIGURE 1: EQUIPMENT SETUP FOR DANISH RENDERING PROCESS

772 lbs. of steam and 317 gals. of water at the rated hourly capacity. This does not include steam used in the clarifier and expeller.

Two men are required to operate the setup. Processing time is 15 minutes from the time the raw fat enters the grinder to the package.

Danish hogs are lower in fat than American animals, averaging only about 10.7 lbs. per hog.

The sludge separators, which are an important part of the process, are built

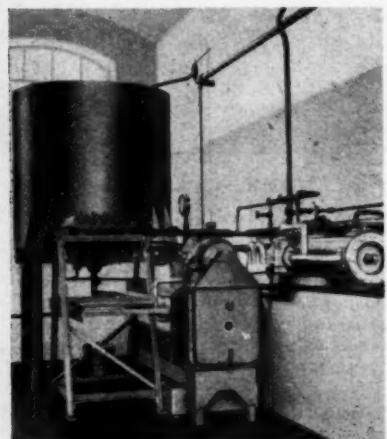


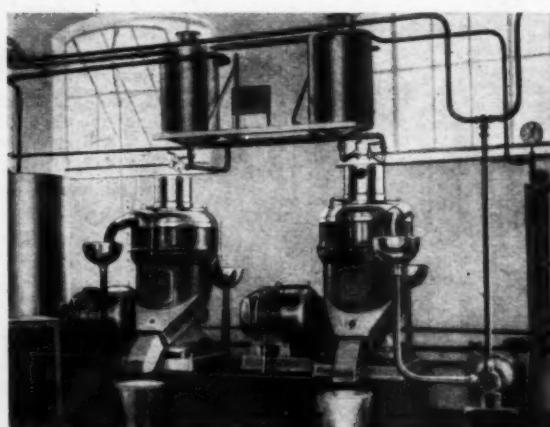
FIGURE 5: PLASTICIZER

for separation of two fluids, insoluble in one another and of different specific gravity, and for simultaneous removal of suspended solids. The bowl of the separator incorporates an annular piston designed to reciprocate vertically, uncovering peripheral slots, which allow the extracted sludge to be discharged. The piston is kept in the closed position by hydrostatic pressure built up by centrifugal force on water fed into the lower part of the bowl. On releasing this hydrostatic pressure, the sludge in the bowl forces the piston down, uncovering the discharge slots. Thirty-five gallons of water per hour is the maximum needed for operating the discharge mechanism.

The large size separator has a maximum capacity of 1,850 gals. per hour.

FIGURE 4:
CENTRIFUGAL
SEPARATORS

Liquid fat is washed before going into these centrifugal sludge separators. The centrifuges separate the lard, water and solid material and deliver the lard to the clarifying tank and the plasticizer.



STRENGTHS AND WEAKNESSES OF ANNUAL REPORTS

Some of the strong points and some of the weaknesses of annual reports of U.S. companies were recently listed by the American Management Association after a study of hundreds of representative annual reports of recent years. The study assembles and analyzes the experience and best techniques of accountants, auditors, company presidents, treasurers, public relations executives and other management personnel.

The AMA says that the reports of a number of companies show how income remaining to employees, stockholders and reinvestment in the business, after deduction of all other expenses, goes largely to the employees, in many cases apparently as much as nine-tenths of this so-called "available income." Ways are then discussed how to increase employees' income. In this connection stress is laid on the aid of capital to labor productivity. Attention is also devoted to methods by which the employees themselves can increase productivity, in one or two instances supported by a statement of the president of the international union.

The AMA study found no detailed discussion in annual reports of the effect of the dollar's changing value on financial statements. It points out that the reduction of the purchasing power of the dollar has had an especially profound effect on the cash and bond holdings of corporations, on amortization and interest payments. Since the buyer power of the money expended by corporations on the purchase of goods and services may have been worth more than that of the sales dollars they received, the profits shown in many annual reports may well have been less, or may have actually been losses. Thus if a firm is visualized as paying 10,000 "full" dollars and receiving 15,000 "half" dollars, the loss is obvious and a fact of vital importance in company relations.

According to one survey quoted, two-thirds of the workers interviewed thought that companies pay more money to their stockholders and top man-

agement than to their workers. Only one-fifth of the employees in another survey based judgment of their own company's profits on management reports.

The study found an increasing tendency to publish the same report to employees and stockholders, in order to avoid suspicion, lack of interest and resentment. On the other hand, some employees were found to point out that they are interested in subjects and emphasis different from that of stockholders. As one worker said of a company president's special employee report: "A fellow can understand this report. But the stockholder report is for the big shots." Many companies give an account of benefits provided to employees, provisions for safety and personnel policies. On the whole, there is less tendency to indulge in generalities and "writing-down" on the subject of employee relations.

An analysis by AMA of stockholder surveys showed that among financial topics profits, sales and cost analysis, taxes, depreciation and management compensation were of major interest. And there is comparatively more interest in an analysis of the future rather than the past and present.

The AMA said that some companies with outstandingly good (and some with outstandingly bad) records in labor relations make no mention of them at all, although employee relations are of obvious interest to stockholders, especially as they affect labor productivity, wage demands, labor strife—matters that may influence earnings decisively.

The association noted that unions are interested in much the same information as stockholders. They want understandable balance sheets, income statements and information narrative. Clarification and explanation of the nature of financial and non-financial items in the narrative, says the AMA, will help to dispel some of the misapprehensions about "hidden profits" in the valuation of inventories and fixed assets or in reserves, especially the belief that "opening the corporation's books" will justify the union's demands.

Among the criteria of good annual reports, the AMA study lists: (1) completeness, interest and clarity of explanation; (2) illumination of economic concepts important in the relationship of the company to its various "publics"; (3) the effect of changes in the purchasing power of the dollar on financial statements; (4) proper presentation of profits; (5) detailed explanation of the nature and data of accounting; (6) use of the best methods of presenting the major items on the balance sheet and income statement; (7) use of new accounting aids in presentation; (8) attention to employees' interest and company relations to them; (9) improvement of stockholder relations; (10) proper preparation, printing and distribution.

How to put more "Eat"|| in meat



If it's need for seasoning meat . . . we sell it!

folks are tired of eating "war sausage" . . . and meat packers everywhere are improving sausage quality.

The best place to improve quality quickly is with flavor, and luscious soluble B.F.M. Sausage Seasonings are the answer to better-flavored sausage, more satisfied customers, bigger sales and greater profits! It's easy to find out how you, too, can put more "eat in meat!" Liberal, hatch-size samples, free . . . or order a trial drum of wiener, bologna, minced ham, liver sausage, pork sausage, or any other superb blend of B.F.M. Soluble Seasoning.



**SURE
your souse is
GOOD**

now make it
BETTER
with **B.F.M.**
Souse Seasoning



Gelatin, so important to a successful souse, comes out beautifully clear, smooth and unclouded...gives your souse eye appeal to whet appetites. Every particle of meat and gelatin is absolutely free of any specks or grit to mar the wholesome, appetizing

appearance or texture of your loaf. That's because B.F.M. Souse Seasoning dissolves the instant it is added to the batch, spreading its delicious "flavor-atoms" throughout the entire mixture. How B.F.M. Seasoning will perk up your souse can easily be proved. Just send for liberal, batch-size samples. They're yours for the asking.

Pop Up Your Loaf Specialties with
B.F.M. SWEET RED PEPPERS

These red, blushing beauties are more than a good, blushing filler. They add eye appeal and tasty flavor to your loaf specialties. Easy to store...require no special care. Never get mushy, and hold their shape in loaves. Save time and labor. Write for details today!

* **Basic** *
FOOD MATERIALS

806 Broadway
Cleveland 15



IF IT'S USED FOR SEASONING MEAT, WE HAVE IT.

MERCHANDISING

Ideas and Trends

Impulse Buying Fresh Meat and Lard is Less Than for Other Foods

One-half of the buying decisions in the purchasing of food products are made at the point of sale, and 38.2 per cent, or two out of five items are bought on impulse alone, according to results of a study of food purchasing in supermarkets recently published by the market research section of the cellophane division, E. I. du Pont de Nemours & Co., Inc.

The percentage of fresh meat and fish products purchases made on impulse was revealed by the study as 18.9 per cent, 19.3 per cent less than the average for the 27 general classifications of food items involved. Butter, lard and shortening impulse sales amounted to 26.7 per cent, 11.5 per cent less than the average.

Fresh meat and fish sales falling into the planned purchase category—those purchases planned beforehand by the housewife and based on past experience, recommendations from friends, advertising, etc., amounted to 54.7 per cent, 6.4 per cent above the average for the 27 other commodities in this category. Planned purchases of butter, lard and shortening were 58.2 per cent, 9.9 per cent higher than the average. Impulse buying of canned foods and frozen foods showed high percentages of 45.5 per cent and 51.6 per cent.

Other facts revealed by the survey, which was conducted among 1,778 shoppers in super markets in seven cities, were that 75 per cent of shoppers make at least one impulse purchase; 24.6 per cent of all items are bought on impulse, and 66 per cent of the impulse items bought were on display in the store.



LARD IN MODERN DRESS

Illustrating the drama which can be created in a package simply by transposing the colors are these two cartons of the Cleveland Provision Co., Cleveland. Changing the white background to blue and blue lettering to white, with slight streamlining of the print and the addition of a swan for brand identification has improved the appeal of package.

Frozen Meat Sales Hit Snag at St. Paul, Minn.

Merchandising of pre-packaged meat cuts has hit a snag at St. Paul, Minn., as a result of a city licensing ordinance requiring equipment of doubtful value for retailers of frozen meats and the antagonism of A F of L meat cutters. The ordinance matter was brought into the foreground when an application for a license by the Golden Rule meat shop was held up because the present city regulation provides that a store selling meat must have a 40-ft. walk-in ice box. This is held to be an unnecessary piece of equipment in a store selling frozen meat products. Ray Wentz, international vice president of the union, has asked that the frozen meats be sold by butchers and claims a contract with Minneapolis dealers provides frozen products be processed on premises.

LOHREY RADIO SHOW NOW IN FOURTH YEAR

Lohrey's Texas Rangers, a program of catchy and sentimental western tunes broadcast daily at 9:45 a.m. over station KQV, Pittsburgh, Pa., and sponsored by the Henry Lohrey Co., of that city, will soon celebrate its fourth anniversary and establish itself as the long-run champion among packer-sponsored radio shows of that area. The daily serenade, reports *Radio Showmanship*, has been on the air without interruption since the early stages of the war.

Nearly four years ago, Ike W. Duffey, of Duffey's Inc., who has an interest in the Lohrey firm, and William M. Yeager, the company president, held a conference to plan an advertising program for the firm which would provide a friendly contact with the American housewife, not only to promote directly sales of the firm's "Silver Star" products, but also to build dealer good will and consumer acceptance.

After consultation with Walker & Downing, Pittsburgh agency handling the Lohrey account, it was decided to present a daily radio show featuring the transcription library of the famous Texas Rangers. Commercial copy for the series was prepared to acquaint the public with Silver Star products and to provide information on wartime meat conditions as they arose. As an added service the names of a few of the Lohrey retailers were listed at the end of each show.

According to President Yeager, this formula has achieved a number of good results, proving the campaign was wisely planned. Dealer good will has improved and retailers are pleased to have their names used at intervals on the popular program. This dealer-company relationship gives salesmen a friendlier welcome in local markets.



PROMOTE "HIGH" BEEF" HASH

Recipe file cards featuring "Art's Brand" corned beef hash were in demand by chefs, stewards and restaurant executives at the exhibit of Arthur L. Peirson & Co. at the recent Hotel Exposition in New York City. The recipes were created by Louis P. De Gouy, internationally famous chef (center in the picture). Flanking him on the left is Joseph H. Moss, Peirson Advertising Agency, and Arthur L. Peirson is on the right.

OLEO LICENSE QUESTIONED

License fees collected from dealers in oleomargarine by the state of Pennsylvania for 45 years have been declared unconstitutional by the Dauphin County (Harrisburg, Pa.), court. President Judge William M. Hargest issued an injunction restraining the commonwealth from collecting an annual license fee of \$500 from wholesalers and \$100 from retailers, which had been imposed by a state law enacted in 1901. Judge Hargest held that the fees "are unreasonable, confiscatory and discriminatory and constitute an illegal restraint of trade."

FINANCIAL NOTES

HENRY FISCHER PACKING CO.: A dividend declaration of \$1 per share on all common stock has been voted by the board of directors of the Henry Fischer Packing Co., Louisville, Ky. The dividend, first in four years, is payable January 15, 1947 to stockholders of record on December 30, 1946. Carl Fischer, president of the firm, stated that the distribution will be made out of a net profit of \$114,568 for the fiscal year ended October 31, 1946. The company's balance sheet as of October 31 this year showed total assets of \$1,

938,967, current assets of \$828,448 and current liabilities of \$214,783. At the close of the preceding fiscal year total assets were \$1,703,792, current assets were \$635,795 and current liabilities were \$80,502. During that year the firm operated at a net loss of \$11,803.

JOHN J. FELIN & CO.: The Philadelphia firm recently declared an extra dividend of \$30 on its common stock, payable December 27 to stockholders of record on December 23. The company had previously declared quarterly dividends of \$1.50, bringing total declarations for 1946 to \$36.

BURNS & CO., LTD.: This firm of East Calgary, Alberta, Canada, re-

cently declared a dividend of \$2 per share on class A stock and \$1 per share on class B stock, both payable January 29, 1947 to stockholders of record January 11, 1947. Class A shares have a non-cumulative priority of \$1 per share over class B shares and then participate equally share for share with class B in any further distribution. In announcing the dividend, R. J. Dinning, president of the company, pointed out that the volume of sales for the company and its subsidiaries for the year will amount to substantially more than \$100,000,000. Payments of the dividend to approximately 4,000 shareholders will amount to \$177,000. After dividend obligations have been met the company's net working capital will remain in excess of \$3,500,000.

ARMOUR AND COMPANY: Substantial improvement in the working capital of Armour and Company, due to increased earnings, has made it possible for the company to redeem existing preferred stocks on a basis more favorable to common stockholders, according to a statement released this week by George A. Eastwood, president of the company.

Amendment of the articles of incorporation in July of this year put the company in a position to retire both outstanding classes of preferred stock and to satisfy the accumulated dividends on them. It had been contemplated by the company's directors that this would be accomplished by issuance of new preference stocks at lower dividend rates and by issuance of additional shares of common stock. The amendment was designed to improve the capital structure of the company so that all its stockholders would have a better opportunity to share in its earnings in accordance with the rights and preferences on the securities owned.

It was proposed originally to issue 1,355,240 shares of common stock in order to provide additional funds then regarded as necessary to accomplish the retirement of the preferred stocks. The plan called for issuance of \$35,000,000 of first preference shares and \$30,000,000 of second preference shares. Now, however, the directors believe they can reduce the number of second preference shares to be issued which will be convertible to common stock and, at the same time, increase the number of first preference shares to be offered in exchange for the company's present \$ prior preferred stock.

It is intended, according to President Eastwood, that additional funds needed for redemption of the present preferred shares will be provided from working capital and, if necessary, in lieu of common shares, by increasing the amount of outstanding 3 1/2 per cent cumulative income debentures. Such a plan is believed to be a definite improvement in the program.

SWIFT & COMPANY: The company this week filed a registration statement with the Securities and Exchange Commission covering two debenture issues totaling \$50,000,000 and representing



Prompt Shipment, Technical Assistance, On Allegheny Stainless

Food processors and equipment builders get prompt action on stainless steel requirements at Ryerson. With stocks that include more than 10 types of Allegheny Stainless... finest of stainless steels... and with twenty years of close co-operation with the food industry on stainless requirements, Ryerson plants offer a unique and complete service.

There's real convenience in being able to draw on any one of eleven Ryerson Plants for prompt shipment of stainless bars, plates, sheets, tubing, pipe, etc. Ryerson engineers will gladly assist your organization in determining the best types of Allegheny Stainless for your use and how best to fabricate or apply them. And when ordering for a distant operation you can deal with the familiar plant nearest you, then have the steel shipped from the plant nearest the point of delivery.

Today some sizes of some stainless products may be out of stock but the situation is improving. For next door service on stainless, call, wire or write the Ryerson plant nearest you.

JOSEPH T. RYERSON & SON, INC., Steel-Service Plants at: Chicago, Milwaukee, St. Louis, Detroit, Cleveland, Cincinnati, Buffalo, Philadelphia, Pittsburgh, Boston and New York.

Stainless and other Products in Stock:

Allegheny Stainless bars—rounds, squares and hexagons, including free machining grades; angles, plates, sheets, strip; seamless and welded tubing and pipe; pipe fittings; welding flanges and welding rod; bolts, rivets, washers. Also Carbon and Alloy Steels, Safety Floor Plate, Metal Working Tools and Machinery, etc.

RYERSON STEEL

\$1,250,000 in new financing, according to a statement by William B. Traynor, vice president and treasurer of the company, who said that the bulk of the funds will be used to provide long range capital for plant rehabilitation, modernization and expansion. The company now has \$18,750,000 of outstanding serial and term debentures which will be retired with part of the proceeds of the new issue.

The two issues covered in the statement are \$35,000,000 of 25 year debentures and \$15,000,000 of one- to ten-year serial debentures, with \$1,500,000 due each January 1 from 1948 to 1957. The latter will be offered at 100 per cent, while the offering price of the former and the interest rate of both issues will be filed by amendment. Salomon Bros. & Hutzler will act as agent for the company in offering the issue.

The company's associated enterprise, Swift International Co., Ltd., as reported in a recent issue of THE NATIONAL PROVISIONER, had previously announced plans for the first financing to be undertaken since the firm was organized in 1918. The program involves issuance of 500,000 shares of the company's newly authorized capital stock, to have a par value of 15 Argentine gold pesos per share.

CHANGE NAME OF OIL & SOAP

As of the January, 1947 issue, the name of *Oil & Soap*, official organ of the American Oil Chemists' Society, Chicago, Ill., will be changed to *Journal of the American Oil Chemists' Society*, according to a recent announcement. This will make the fourth change in name of the publication which began in 1915 as the *Chemists Section of the Cotton Oil Press*. Since 1941 the *Journal* has been published by the society with its own editorial staff. H. L. Roschen of Swift & Company, Chicago, has been editor since 1937.

It was also announced in the December issue that the new edition of the *Official Methods of Analysis of the American Oil Chemists Society* is ready for publication. The publication, which is priced at \$6.00 per copy with binder, is larger than the old edition and has an entirely new format. V. C. Mehlenbacher, of Swift & Company, is technical editor.

ICC Considering Revising Truck Safety Regulations

The first step toward a general revision of Interstate Commerce Commission safety regulations applicable to all interstate motor carrier operations, has been taken by the ICC in an order in a new proceeding docketed as Ex Parte No. MC-40. This institutes an investigation to determine whether the safety of operation of motor vehicles in interstate or foreign commerce and the public interest would be improved by revision of and addition to the rules in

Parts 1 to 7, inclusive, of the ICC Motor Carrier Safety Regulations, Revised.

It is understood that the initial draft of the proposed revision of regulations deals, in part, with modification of driver responsibilities and qualifications, "commercial zone" exemptions, hours of service regulations and, particularly, elimination of the daily log requirements for private "multiple-stop and diminishing load" operations on distributive routes.

After having conducted informal conferences with interested parties, the ICC Bureau of Motor Carriers is directed to prepare its tentative proposals for submission to the Commission and to recommend the time, place and ex-

tent of a formal public hearing. Anyone desiring to recommend changes in the present safety regulations should submit such recommendations in writing to the Bureau of Motor Carriers on or before February 1, 1947.

Beef Aorta is Employed in Ointment for Burns

The use of beef aorta in the preparation of an ointment which has been used with some success in the treatment of burns was disclosed by Dr. William E. Abbott during one of the closing sessions of the recent Clinical Congress of the American College of

Continuous, Closed Lard Processing to Fit Your Needs

THE original VOTATORS for lard processing have been redesigned and augmented to cover the rated hourly capacities shown above. Now there are even greater advantages in this continuous, closed, controlled lard processing method. Every packer owes it to himself to get complete information about the new VOTATOR models. If you want to produce more uniform lard in less time, less floor space, and with more economical use of refrigeration, write The Girdler Corporation, Votator Division, Louisville 1, Kentucky.

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FOR WIENERS, BOLOGNA,
SPECIALTY LOAVES

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HOLDS
FRESHNESS

No "fat pockets" because Special X Soy blends completely with both fat and lean, holding them together as a compatible mixture.

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The "meat-like" protein of Soy Flour improves texture and slicing quality by blending each little meat and fat particle together.

Special X SOY FLOUR

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Write for FREE Samples

**SPENCER
KELLOGG**

AND SONS, INC.

DECATUR, ILLINOIS

Surgeons held at Cleveland, O. The ointment, known technically as protein eschar, has produced no local toxic effects and can be used without resort to the application of pressure bandages to the wound, Dr. Abbott said. He credited two Detroit surgeons with development of the ointment.

TANNERS' VIEWS ON TRIM AND THE CLASSIFICATION BASIS FOR HIDES, SKINS

While recent discussions between packers and tanners have indicated that tanners of hides want packers to make offerings of hides on a pre-war trim basis, with delivery methods similar to those in use before the war, there appears to be no such unanimity in views among kip skin tanners.

Some kip skin tanners have indicated that they would prefer to have kips offered and sold on an untrimmed basis, expressing preference for offerings on a 15- to 25-lb. basis and overweight kips 25 lbs. and up (hair selection). Other important buyers of kip skins would prefer to buy their skins on a 15- to 25-lb. basis and overweights 25 to 30 lbs. with no hair selection. Still other kip skin tanners would like to obtain their skins trimmed the same as pre-war hides. Other large tanners of kip skins desire to have kips offered on the basis of 15 to 30 lbs. without overweights, no hair selection.

Calfskin tanners have suggested that packers offer calfskins on an untrimmed basis, with a weight division of 9½ to 15 lbs. and under 9½ lbs. They have stated that if offerings could be made on that basis, and delivery taken by setting scales at 10 and 15½ lbs. to provide a margin for tare, that accurate selection could be maintained.

Effect of Freezer Storage on Quality of Fresh Meat

"The Effect of Freezer Storage on the Quality of Fresh Meats," was the subject reported on by Dr. J. M. Rambottom, of the Research Laboratories of Swift and Co., Chicago, at the recent annual meeting of the American Society of Animal Production.

Dr. Rambottom stated that steaks, chops, cutlets, liver, sweetbreads and hamburger were stored at six different temperatures to determine the relationship of time and temperature of freezer storage to quality. With increase in storage temperature and time, the quality scores dropped, he said, particularly the scores for the appearance of the meat in the frozen state and the palatability in the cooked state.

The speaker brought out that the storage of all meats under study was estimated from the data on appearance and palatability. Meats stored at 26° F. were considered to have reached the end of their storage life in less than 30



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About Layne Water Systems

El Dorado, fabulous oil city in Arkansas, growing and becoming a greater and greater industrial center, knows this and depends exclusively on Layne Well Water Systems. The City, Oil Refineries, Railroads, Power & Light Services and various Petroleum Industries—all 100 per cent, have Layne Well Water Systems. Such a record means that the name, Layne, stands for high efficiency, longer life, superior quality and proven operations economy.

Layne high efficiency Well Water Systems are world famous in advanced engineering features—world proven in lasting quality and the lowest of all in operation cost. Each unit is specifically designed, manufactured and installed to fulfill your exact requirements.

If your city, industry, railroad, air conditioning or irrigation project is in need of more water at greater economy, write for late catalogs, bulletins, etc. Address Layne & Bowler, Inc., General Office, Memphis 8, Tenn.

HIGHEST EFFICIENCY

Layne Vertical Turbine pumps are available in sizes to produce from 40 to 16,000 gallons of water per minute. High efficiency saves hundreds of dollars on power cost per year.

AFFILIATED COMPANIES: Layne-Arkansas Co., Stuttgart, Ark. * Layne-Atlantic Co., Norfolk, Va. * Layne-Central Co., Memphis, Tenn. * Layne-New England Co., Woburn, Mass. * Layne Louisiana Co., Lake Charles, La. * Layne Well Co., Monroe, La. * Layne-New York Co., New York City. * Layne-Ohio Co., Columbus, Ohio. * Layne-Pacific, Inc., Seattle, Wash. * Layne-Texas Co., Houston, Texas. * Layne-Western Co., Kansas City, Mo. * Layne-Western International Water Supply Ltd., Mississauga, Ontario, Canada. * Layne Hispano Americana, S. A., Mexico, D. F.

LAYNE

**WELL WATER SYSTEMS
VERTICAL TURBINE PUMPS**

days, while most products stored at -10° F. and -20° F. were still rated good after 365 days storage.

A storage temperature of 10° F. was much more effective than temperatures of 20° F. and 26° F. in retaining the original quality of fresh meats. It was demonstrated that storage temperatures of 0° F., -10° F. and -20° F. were progressively more effective than 10° F. in preserving the quality of fresh meats. Consequently, the limiting factor is cost of the additional refrigeration necessary to maintain the lower storage temperature.

Freezer storage at -10° F., or lower for seven years did not significantly change the tenderness of beef steaks. There were some changes in aroma, juiciness and flavor of the lean and a marked deterioration in the appearance of the frozen product and in the flavor of the cooked fatty tissue.

Lamb stored for ten years at 0° F. was freezer burned and the fat had developed a rancid flavor. Chemical analysis of the storage lamb compared favorably with analyses of fresh lamb, except for a change in the state of the myoglobin in the desiccated superficial tissues. The low-fat lean of the deep leg muscles was almost equal to fresh lamb in flavor.

These observations on fresh meats stored for many years demonstrate the important role of appearance of the frozen meat and flavor of the cooked fatty tissues in determining the storage life at 0° to -10° F.

Lack of Wire Blamed for Wirebound Box Shortage

Scarcity of wire is likely to continue for some months as the bottleneck in the production of wirebound boxes even though lumber and veneer become more plentiful, according to opinions expressed by members of the Wirebound Box Manufacturers Association in attendance at a recent meeting in Chicago. Commitments made to them by wire manufacturers, they said, should enable them to continue production for two or three months but such commitments are oftentimes unreliable.

Blame for the wire shortage is laid by manufacturers to production cuts necessitated by the coal and steel strikes of last winter, the November coal strike, the heavy demand for nails to be used in building construction and abandonment of wire production by some firms.

Lumber and veneer are becoming plentiful, the box makers report, as a result of the removal of OPA and other governmental restrictions. They emphasized, however, that the lumber and veneer pricing situation is completely unstabilized.

One wire company representative in attendance at the meeting predicted that the nail shortage will be overcome within a few months and that, barring further strikes, the wire situation should be eased by mid-1947.

Again this year . . .

• • • • as we have for the past forty-five years, we thank our many friends in the Sausage Industry for their patronage and wish them continued success through the ensuing years.

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OWN YOUR OWN BUSINESS Exclusive Producers WANTED!

Deliciously tender "CHIP STEAKS"—a frozen meat product processed under patent—now being sold to restaurants, hotels and stores in the millions! A minimum of equipment required . . . and now available at modest cost. Here's a highly profitable business with no competition. Production and sales now going on in certain cities . . . many others available. To be followed later by a complete line of nationally branded frozen foods. Capital required. ACT NOW!

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in sausage,
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PLANT OPERATIONS

Ideas for Operating Men

CARBON DIOXIDE IN CONTROL OF RODENTS

Rats and mice may cause serious damage in cold storage rooms. According to the Refrigeration Research Foundation, the carbon dioxide means of control approaches the ideal method for killing these rodents by combining the factors of (a) low cost, (b) safety to product and operator, (c) simplicity, and (d) the use of materials and equipment usually easy to obtain.

The experiments upon which this method is based were carried on at the Rhode Island Agricultural Experiment Station, Kingston, R. I. by Drs. S. A. Pieniazek and E. A. Christopher with the assistance of a grant from the Refrigeration Research Foundation.

The rodents tested were rats and mice. Rats require longer exposure than mice. Males are harder to kill than females. Rodents acclimated to the cold storage temperature are more resistant to treatment than those newly introduced.

The cheapest source of carbon dioxide is dry ice.

Use up to 25 to 30 lbs. per 1000 cu. ft. capacity. Small rooms require the larger amount. Storage rooms which are not very tight will require the larger amount. At the present time, 25 lbs. per cu. ft. is the smallest amount recommended even when the space is well filled with products. Some product, for instance, will take in more than its volume of carbon dioxide at low temperatures.

The cold storage room should be made as gas tight as possible. All doors should be sealed with common vaseline along the gaskets. Wall cracks or other openings may be sealed with ordinary newspaper coated with vaseline. It should be remembered that the concentration of gas sought—20 to 25 per cent—is about 700 times normal and the pressure of

the gas seeking to get out is tremendous.

Distribute cakes of dry ice (50 lbs.) evenly throughout the room in the aisles. It is important that they be kept as far away from packages as possible because of danger of freezing. Provide fans sufficient to cause some air movement to distribute gas and prevent stratifying. A common household fan for each 10,000 cu. ft. should be sufficient. When all is ready, start with the dry ice cakes farthest from the door and break each into several pieces with a hatchet or heavy hammer. This will speed up gas release. Do the job rapidly and get outside. Close and seal the remaining door. Rooms should be left intact for at least 6 hours and preferably overnight.

High concentrations of carbon dioxide will cause headaches and reduced activity. The storage rooms should be thoroughly aired after treatment if they are to be used at once. There is no danger to the product in a more gradual dissipation of the gas over several days.

High concentrations of carbon dioxide reduces a man's strength temporarily so that with too long exposure the operator may find difficulty opening a tight fitting door. Always have someone on the outside ready to help in case of need. In case of accidental long exposure, don't get excited, get plenty of fresh air and lie down if possible.

FLASHES ON SUPPLIERS

CORN PRODUCTS REFINING CO. New dextrose refining facilities which will more than double present capacity are being added at the North Kansas City, Mo., plant. The additions include a 5-story building and 85 stainless steel drum crystallizers and will cost an estimated \$4,500,000.

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PROCESSING Methods

BUYING AND TESTING NATURAL CASINGS

II

The major classifications of hog casings are bungs, middles, small casings, stomachs and bladders.

HOG BUNGS: Bungs should be tested as soon as they are received by the purchaser. At least three bunches, or 30 pieces, are removed from each tierce, being selected from top, bottom and side walls so as to secure representative samples. The sample bungs are soaked thoroughly for 2½ hours in water at 80 degs. F. Some consider it best to soak the bungs overnight in cold water and from 1 to 2 hours in warm water on the following morning.

After the bungs are soaked and turned they are filled with air and inspected as to length and diameter, scores, cuts and over-size and under-size bungs.

Inspection: A careful record should be kept of the number of scores and cuts and of under- and over-sized bungs, so as to arrive at an average price on contents of tierce. Bungs should be full crowned and there should be no bad strains within 32 in. of the crown. There should not be more than one short length of 30 in. to the bundle of exports and primes, but in the smaller grades a minimum length of 24 in. is acceptable.

Grading: Width of a bung, and its grade, are determined by inserting it, after inflation, in a gauge at a point 18 to 22 in. from the crown. Although there is some variation in standards for hog bungs, the width grades which follow are used by some large producers and buyers. The grading of hog bungs has changed somewhat in the last few years.

Grade	Width inches	No. pieces to tierce
Export	2½ & over	400
Large primes	1½ to 2½	500
Special primes	1½ to 1½	550
Medium primes	1½ to 1½	580
Small primes	1½ to 1½	600
Narrow primes	1½ to 1½	700
Skips	Under 7½	800
Broken shorts large		
Broken shorts medium		

Sometimes the classification "narrow prime" is omitted and bungs of 1½ in. to 1½ in. width are classified as "skips" and those of 1½ in. and under as "narrow skips."

Special Types: Many sausage manufacturers prefer to purchase hog bungs cut 32 in. long, or just the length required for liver sausage. Sausage length bungs, cut 30 to 34 in. from the crown, are usually packed 50 to 100 pieces more per tierce in each of the grades.

If bungs are rejected, the seller should be credited with balance between num-

ber of pieces invoiced and number of pieces used for testing, provided a stuffing capacity test has been made, but as a rule the diameter and quality tests are sufficient. On acceptance, the bungs in each tierce are counted by transferring them to another container.

HOG MIDDLE: Middles range from 7½ to 10 ft. in length, averaging 7½ ft., and may have the cap on or off. The narrow end should measure at least 1½ in. in diameter and the wide end approximately 4 in. Middles are packed in bundles of five pieces to a set and are sold by the set. A tierce should contain 190 to 200 sets.

SMALL CASINGS: Small casings, usually called hog casings, range in width from about 1 in. to a little under 2 in., and are usually over 20 ft. long. All standard selected hog casings are put up 100 yds. to the bundle or hank, and should not contain pieces under 6 ft. long. Hog casings are purchased on

a yardage basis entirely. Standard gradings are:

Grade	Millimeters	Width Inches
Extra narrow	20	1½ and under
Narrow	29/32	Over 1½ to 1¾
Narrow mediums	32/35	Over 1¾ to 2
English mediums	35/38	Over 2 to 2½
Wides	38/43	Over 2½ to 3
Extra wides	43	3½ and over

Hog casings should be received and counted in the same manner as sheep casings, and samples may be given a water-run test. After soaking in water of 70 degs. F. for approximately 1 hour, each strand should be carefully separated, the total footage measured, and the number of pieces counted in each bundle. Water running bench should be equipped with a gauge to measure diameter of casings when filled with water, for water should be run through each strand of casings. When the water is passing through, they should be carefully examined for holes. This is generally considered to be an adequate test for hog casings.

BLOOD-TONGUE LOAF

One formula for a blood and tongue loaf is given below. Bacon rinds are employed to give the product a smoky flavor. Meat ingredients are:

60 lbs. pork tongues
12½ lbs. fat backs
12½ lbs. cured pork lips
10 lbs. smoked bacon rind
5 qts. fresh strained blood

Scald back fat for 40 minutes and cut in small cubes. Cook lips and bacon rinds until tender and grind through ½-in. plate. Mix back fat with ground lips, blood, rinds and following seasoning ingredients:

1½ lbs. salt
1 oz. sodium nitrate
¼ oz. nutmeg
1 oz. marjoram
1 oz. allspice
½ oz. ginger
5 oz. black pepper

Many sausage manufacturers have found it desirable to use ready prepared seasonings or specially prepared seasonings, as manufactured by reputable firms, in making this and other sausage products. Use of such blended seasonings prevents variation in flavor from batch to batch and is also convenient and labor saving.

Place several cured hog tongues, which have been thoroughly cooked and boned, in each artificial casing or other container. Fill these with the blood-meat mixture. Place cased loaves in containers and cook for 3 hours at 180 degs. F. The tongues may be cut up, if desired, and a larger percentage of them put into each loaf.

Do you use this page to get your questions answered?



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on Heat-Treating Stainless

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Softening 18-8? How long should 10-gage E-S 18-8 (Type 302) sheet be held at heat to soften it between deep-draws? Can it be heated in a salt bath?

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Stress-Relieving? What heat-treatment do you recommend for stress-relieving titanium-stabilized stainless (Type 321) sheet after welding?

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When questions like these come up in heat-treating stainless sheet or plate, take advantage of Eastern Stainless technical service. Stainless isn't temperamental, but procedures must be correct for it to give its best service. Send us your question—no matter how simple or complex—and you'll soon find that Eastern has the right answers where stainless steel is involved. And you can get those answers fast—by phone, telegram, or return mail, as you wish.

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EASTERN STAINLESS

Up and down the MEAT TRAIL

Personalities and Events of the Week

• New smoking, curing and meat canning facilities have been added to the establishment of the Smithfield Ham & Products Co., Smithfield, Va. The firm recently celebrated its twenty-first anniversary, according to J. C. Spriggs, Jr., president.

• Dr. Theodore L. Swenson, director of the USDA Western Regional Research Laboratory, Albany, Calif., has become special assistant to Dr. Louis B. Howard, chief of the USDA Bureau of Agricultural and Industrial Chemistry. Dr. Swenson's new position was created for improving and, if possible, expanding the utilization of farm crops and products in processed foods. It will also be the duty of the new assistant to aid the regional laboratories in getting the results of their food research into commercial use.

• The Coast Packing Co., Vernon, Calif., recently purchased the grand champion steer of the Great Western Livestock Show held at the Los Angeles Union Stockyards at \$3.00 per pound. The Piute Packing Co., Bakersfield, Calif., purchased the grand champion lamb of the show at the record price of \$6.25 per pound.

• A. D. Donnell, secretary of the Rath Packing Co., Waterloo, Ia., has been re-elected a director of the Waterloo

Dairy Cattle Congress. C. J. Cahill, a department manager for the company, was elected vice president of the Western Grain and Feed Association at a recent meeting which was held at Des Moines, Ia.

• The annual dinner-dance of the Meat Trade Institute, New York, N. Y., will be held Sunday evening, January 5, 1947 at the Hotel Astor in New York city. Representatives of all firms in the meat packing and allied industries are invited. Members of the dinner committee are George Kast, John Krauss, Andrew Deile, Ferdinand Schaller and Josef Mertl.

• E. L. Dobbs, former assistant manager at the Chicago plant of Armour and Company, has been named manager of the company's Oklahoma City, Okla., plant. Dobbs succeeds T. J. Dee, manager of the Oklahoma City plant for the past 12 years, who recently retired after 47 years with the company.

• The Brakey and Guyer Packing Co., Garden City, Kans., has been granted a state charter for the operation of its meat packing business. F. H. Guyer was named resident agent for the firm which will start corporate operations with an authorized capitalization of \$35,000.

• Norman Reital, formerly connected with the sheep buying department at Swift & Company, St. Joseph, Mo., has been transferred to the sheep buying department at the company's Los Angeles, Calif., plant.

• G. M. Foster, president of John Morrell & Co., Ottumwa, Ia., recently announced that J. Rowe Hinsey has been appointed assistant controller of the company and will assume his new duties shortly after the first of the year. Hinsey has been with the company since 1924 and has been manager of both the eastern and southern branches of the Ottumwa sales organization. James S. Austin, assistant manager of the company's Boston, Mass., branch house since 1939, has been named to succeed Hinsey as manager of the Ottumwa branch houses.

• The Packaging Institute at its recent meeting in Chicago elected Mason T. Rogers, head of packaging research for Dewey & Almy Chemical Co., Cambridge, Mass., president, succeeding Walton D. Lynch.

• Dr. Herman W. Dorn has joined the Frozen Food Institute, New York, as chairman of its research committee. He is supervisor of the biochemical laboratories of the process and product research division, Owens-Illinois Glass Co., Toledo.

• Wilson C. Codling, vice president and general manager of the Albany Packing Division of Tobin Packing Co., Albany, N. Y., has been appointed a member of the advisory board of the Salvation Army group in that city, along with six other of the local citizens.

• A permit has been issued to John W. Driscoll for construction of the foundation for a proposed slaughterhouse at Lancaster, Calif.

• Construction has begun on a refrigerated food and locker plant at National City, Calif., for Zero Isle Foods, Inc., a corporation headed by W. R. Corey.

• Victor T. Norton, well known food industry executive, has been named executive vice president of American Home Foods, Inc., and will assume his new duties January 1, 1947 at New York city. Norton was a former executive of the Cudahy Packing Co., Chicago, and was also formerly assistant to the president of the Jewell Tea Co.

• The division of meat hygiene of the Pennsylvania State Department of Agriculture closed seven slaughterhouses during the month of November because of infraction of sanitary rules. This makes a total of 100 abattoirs closed



J. R. HINSEY



PACKER SPONSORS OUTSTANDING PRO BASKETBALL TEAM

Unique in the field of professional basketball is the Chief Anderson Meat Packers team, sponsored by Duffey's Inc., Anderson, Ind. The Packers, playing in the National Basketball League, have an excellent winning record in the years since the idea of the team was conceived by Ike Duffey. Officers of the Packers are John Duffey, president; Ike Duffey, secretary-treasurer; Howard Cronk, business manager, and Murray Mendenhall, Jr., coach. The team plays against league organizations from other cities at many points in the East and Midwest. Anderson, Ind., is highly basketball conscious and, in fact, is known as "the basketball capital of the world."

for similar reasons during the first 11 months of 1946. Department agents made approximately 8,400 inspections of slaughterhouses and 200 meat market inspections during this period.

• The new address of the Martin H. Lipton Co., Inc., is 32 Tenth Avenue, New York 14, N. Y. The firm was formerly located at 55 W. 42nd st. in New York City.

• Harold L. Woodruff, associated with the meat industry in New York City for many years, has just been appointed manager of the west coast division of the Cook Sales Agency with headquarters in Los Angeles. Mr. Woodruff will have charge of sales for the Cook Packing Company, Scottsbluff, Neb., on the West Coast covering Los Angeles, San Francisco, San Diego. Mr. Woodruff served in the U. S. Army for the duration of the war, having enlisted the day after Pearl Harbor.

• J. L. Betschart, Santa Ana, Calif., recently obtained CPA approval for construction of a slaughterhouse in Orange county, Calif., to cost an estimated \$47,000. The frame and concrete structure will be 34 by 214 ft. in area.

• M. S. Nunnelly has been named office manager at the Swift & Company branch at Grinnell, Ia., succeeding A. C. Knudtson, who has been appointed a traveling auditor for the company.

• Ben F. Druffel, of Colton, Wash., has been elected president of the newly formed Grange Interstate Livestock Association at Spokane, Wash., which has taken the place of the Grange Livestock Marketing Association.

• George M. Foster, president of John Morrell & Co., Ottumwa, Ia., has accepted the chairmanship of the American Meat Institute committee on public relations. Mr. Foster will succeed John Holmes, president of Swift & Company, who took over the duties as chairman of this important committee upon the death of G. F. Swift, who for many years had devoted much time and personal effort to improving the relationships of the industry with various segments of the public with which it comes in contact. After serving as chairman for three years Mr. Holmes asked that he be relieved of his duties in this connection so that the chairmanship might be rotated. Mr. Holmes will remain as a member of the committee, the complete membership of which will be announced shortly.

• Food Fair Stores, Inc., Philadelphia, Pa., has announced plans for the construction of a \$150,000 packing plant at Omaha, Nebr., on an eight acre plot of land in that city purchased from the Union Stockyards Co. George Fried-

Know Your Fellow Packers . . .

ROBERT M.

OWTHWAITE,

VICE PRES.,

JOHN MORRELL

& CO.,

TOPEKA, KANS.



A vivid industry personality who is quite a familiar figure at AMI meetings is R. M. Owthwaite, vice president of John Morrell & Co. and manager of its Topeka, Kans. plant, whose name has become practically synonymous with the livestock and meat packing industry in the state of Kansas. The growth of the Morrell plant in Topeka until it now is known as "A Kansas Institution" is due in large part to his leadership. When Morrell bought the old Wolff packing plant there in 1931 Owthwaite was made manager. At the time it had fewer than 300 employees but in ten years it expanded so that it has employed as many as 1800 during peak times. In line with the expansion of personnel, extensive physical changes have been made and a five-year program of modernization and new construction has been planned and work already started.

Robert Morrell Owthwaite, a great grandson of the founder of John Morrell & Co., was born in Bradford, England, where the first Morrell business venture began in 1827. His father headed up the wholesale-retail grocery business of Robert Morrell Co., which continued in Bradford when John Morrell & Co. moved to Liverpool. He was educated in Bradford Technical college. In 1911 he went to Montreal, Canada, and was employed by the Canadian Pacific Railroad as an office clerk. A year later he accepted a position with Morrell at the old branch on New Market st. in Philadelphia, Pa. After absorbing the routine jobs of a newcomer in those days he was transferred to the sales department, first on city routes and later covering the territory from Trenton, N. J., to Allentown, Bethlehem, Easton and Lancaster, Pa. From Philadelphia he

moved to route car territory in Utica, N. Y. and later to the Morrell branch at Syracuse, N. Y. He enlisted in the Canadian Army and went overseas with the First Canadian Tank Battalion. Upon his return from service he went to Philadelphia as superintendent of the new Morrell branch house. In 1921 and 1922 he was at the general headquarters in Ottumwa, Ia., heading up the produce department, but he returned to Philadelphia in 1922 as branch manager, remaining until 1931 when he went to Topeka.

He was elected to the Morrell board of directors in 1937 and named a vice president in 1944. While he came up through the sales department of the business, his duties are now primarily executive, but he still maintains a special interest in personnel problems and in the public relations aspect of the business. For example, he takes a vital interest in 4-H club work and his plant sponsors many activities in the state which further their projects. He has a personal concern in every employee and his work and is acquainted with most of them.

As for "outside" interests, his are many. He owns a 160-acre farm, "Yorkshire Farm" near Topeka, where he formerly made his home for some years. He has always had considerable interest in dogs and shown many, mostly Collies, in which breed he is an accredited judge with the American Kennel Club.

In his position as manager of the plant and a citizen of Topeka he has been one of the city's foremost civic boosters. He has memberships in many trade and civic organizations, including the American Meat Institute and the Kansas State Food Administration. He is ex-president of the County Community War Fund and is a director of the County Red Cross. He has served as state chairman of Selective Service Appeal Board since its inception six years ago. He is a member of the state board of the Civilian Production Administration; is an ex-president of the Topeka Chamber of Commerce; is a director of the Associated Industries of Kansas, which is affiliated with the NAM. He has been a director of the Kansas Free Fair for a number of years. He is active in several civic clubs—Rotary, Shrine, American Legion and the Topeka Press Club. He is a member of the Episcopal church. He is married and has two step children. His son is an engineer at the Morrell plant.



G. M. FOSTER

land, president of Food Fair Stores, Inc., said that construction will begin next year as building materials become available. The plant, which will be the fifth largest in Omaha, according to estimates by Harry B. Coffee, president of the Union Stockyards Co., will be

used to process cattle, lambs and hogs for shipment to the firm's outlets in the east.

• A building permit has been issued for construction of a rendering plant at Vernon, Calif., for the Harman Packing Co., of that city. The two-story and

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28, 1946

A Flower unblown: a Book unread:
A Tree with fruit unharvested:

* A Path untrod: a House whose rooms
Lack yet the heart's divine perfumes:
A Landscape whose wide border lies
In silent shade 'neath silent skies:
A wondrous Fountain yet unsealed:
A Casket with its gifts concealed:
This is the Year that for you waits
Beyond Tomorrow's mystic gates.

-Horatio Nelson Powers.

Well said! Permit us to hope that your Flower will be fragrant and your Book interesting; to wish you Health and Wealth, and Time to enjoy them.

THE

Cincinnati

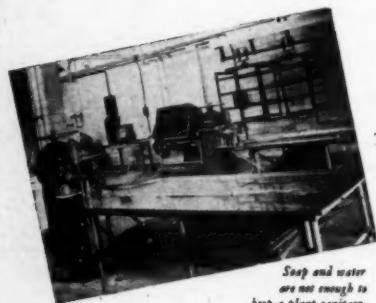
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Use —

GRIFFITH'S ERA DO

Kills bacteria, yeast and mold.
Costs less than a dime a day

If you want a simple, safe, sure way to avoid costly meat spoilage—make it a "must" to use Erado every afternoon at clean-up time.

Applied according to directions, Erado definitely destroys the micro-organisms which cause meat to go bad. Thus, it will enable you to cut spoilage losses . . . and . . . step-up profits—for but a few cents a day.

Erado is widely used because—it is a highly efficient germ-killer that is easy to apply as a scrub or spray. Besides, it is non-poisonous, leaves no odor, will not corrode metal, and does not deteriorate. In addition, it is remarkably economical. Made in powder form, it is packed in 34-ounce envelopes—enough to make a strong 10-gallon solution.

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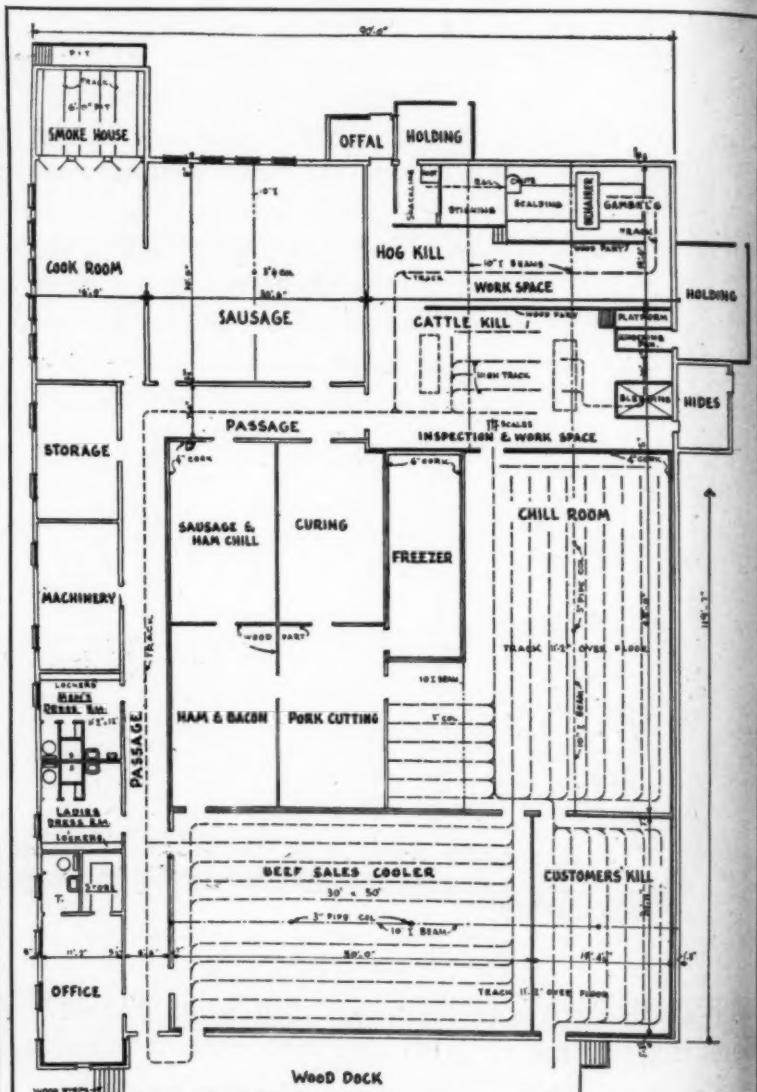
CHICAGO, 9 — 1415 W. 37th St.
NEWARK, 5 — 37 Empire St.
LOS ANGELES, 11 — 49th & Gifford Sts.
TORONTO, 2 — 115 George St.

basement structure will be 24 by 69 ft. in area and will cost an estimated \$30,000.

• CPA approval has been obtained for erection of a meat processing plant at Burbank, Calif., for Roy W. McWilliams, North Hollywood, Calif. The one-story frame building will be 20 by 30 ft.

• J. C. Stentz, first vice president and director of sales, John Morrell & Co., Ottumwa, Ia., recently announced the opening by the company of a new sales

district in San Diego, Calif. In announcing the move Stentz explained that the company had been unable to expand its sales territories during the period of controls and said, "Now that we are again operating in a free and competitive economy we expect to make an aggressive bid for more business." Appointed to head the new sales district was Charles N. Glew, who has been with the company for more than 25 years, the major part of which was spent in sales work.



FLOOR PLAN OF NEW PLANT AT LONGVIEW, TEXAS

Construction is about half completed on the packinghouse being built by the Longview Packing Co. The new plant, of tile, concrete and steel, will have about 29,500 sq. ft. of floor space, and will have facilities for slaughtering 175 cattle and 200 hogs per day. It is designed for federal inspection. A blower type Freon refrigerating system is being employed. The plant will render inedible material and a separate structure will house canning operations, including the packing of barbecue beef, Swiss steak, Vienna sausage, chili, beef stew and beef noodle soup.

The firm's brand will be "Southern Maid" and its products will be distributed all over East Texas from Houston to Texarkana and from Terrell to the Louisiana state line. D. R. Tucker and Del R. Ewing are the owners of the concern.

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FLASHES ON SUPPLIERS

MARATHON CORPORATION: Completion of a sales department reorganization was announced recently by D. A. Snyder, director of sales of the Menasha, Wis., manufacturer of food packaging. Russell C. Flom, formerly in charge of specialty packaging, was named manager of sales promotion. A. W. Stompe, who formerly managed sales to jobbing organizations, was appointed general sales manager. E. V. Krueger, now a Chicago sales representative, will be in charge of plans and sales promotion of all products for meat packers, including Kartridg-Pak. John Snyder, who has managed sales to the meat industry, will head the promotion and planning of bakery packaging sales.

WESTINGHOUSE ELECTRIC CORP.: This Pittsburgh, Pa., corporation recently announced the appointment of Eugene N. Foss, II, as manager of the company's northwestern district, succeeding Fred Herlan who will soon retire. Foss, who will have headquarters at Chicago, will direct sales of air handling and air conditioning equipment in northern Illinois and Indiana, western Ohio, parts of Michigan, South Dakota and Montana, and all of Wisconsin, Iowa, Minnesota, Nebraska and North Dakota. He is a grandson of B. F. Sturtevant, the company's founder, and recently returned after five years service in the U. S. Navy.

E. G. JAMES CO.: B. H. Hubbert & Son, Inc., Baltimore, Md., manufacturer of food processing equipment, recently announced the appointment of this Chicago brokerage firm as its exclusive distributor to the meat packing industry and as sales representative to other food processors for the Hubbert line of steam-jacketed kettles, stainless steel tanks and other specialty equipment. The Baltimore firm has made arrangements for its present dealers to transfer activities in the meat industry to the E. G. James Co., which will also appoint a limited number of exclusive dealerships.

LINK-BELT CO.: This Chicago manufacturer of materials handling and power transmission machinery recently announced the opening of a new sales office at Milwaukee, Wis. William M. Hufnagel, district sales manager, is in

charge of the new office, assisted by H. B. Johnson and F. E. Sweeney. Hufnagel has been serving in the capacity of district sales manager at the company's Chicago headquarters.

COCHRANE CORP.: This Philadelphia, Pa., manufacturer of boiler and industrial water condition equipment has announced the return of Stuart D. Distelhorst to his position as the company's sales promotion manager, after nearly four years service in the U. S. Army.

BAKER ICE MACHINE CO., INC.: Ross Rathbun, president of this Omaha, Neb., company, recently announced purchase of a manufacturing plant located at Portland, Me., which will add 60,000 sq. ft. of floor space to the firm's manufacturing facilities. The new plant, one of the early steps in Baker's expansion program, will be placed in operation as soon as machine tool equipment can be installed.

Coincident with the announcement of the purchase, Rathbun made public the following personnel changes within the organization: Paul Crossman has resigned as purchasing agent and is succeeded by J. H. Stewart; James H. Hill has been named assistant comptroller; and Charles Knox has been promoted to plant manager at the Omaha branch.

AMERICAN CAN CO.: Coincident with the fortieth anniversary of the founding of its research division, the American Can Co. recently celebrated the opening of its enlarged research laboratory at Maywood, Ill. Executives of the company, members of the research staff and representatives of scientific and trade associations which have contributed to the progress of the food and canning industries attended the opening.

BLACKMER PUMP CO.: Arthur E. Jacobs has been appointed vice president and sales manager of this Grand Rapids, Mich., company, according to a recent announcement made by B. L. Gordon, president. Jacobs was formerly sales manager of the pump division of George D. Roper Corp., Rockford, Ill., and has more than 30 years experience in the design, production and marketing of industrial equipment. He assumed his duties with the Blackmer Co. on November 1 this year.

NOW IN OUR 26TH YEAR OF SERVICE

LIBERTY BEEF SHROUDS

HAM STOCKINETTES • BEEF BAGS
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CLEVELAND 14, OHIO

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In 47 Cities... See your phone directory.

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MODERN FOOD STORAGE Facilities in FOUR GREAT CENTERS

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**Air-O-chek
Casing Valves**

*Increase output per hour
Save water (or air)
Reduce Maintenance*



The patented AIR-O-CHEK feature—a ball and socket joint between the internal lever and the valve—gives easy control of flow by slightly depressing the nozzle. Shut-off is instant and positive assuring leakproof operation.

Speeds production. Operator holds casing on nozzle and depresses the nozzle as needed with the same hand. The other hand is free to adjust casing as it fills.

Low Maintenance. No packing gland. Gives long, dependable leakproof service without attention. Send for bulletin.

AIR-WAY PUMP & EQUIP. CO., 413 S. Jefferson St., Chicago

MARKET SUMMARY

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Hogs—Pork—Lamb

HOGS

Chicago hog market this week: Bulk of hogs close \$1 to \$1.50 higher with lights showing most strength.

	Thurs.	Week Ago
Chicago, top	\$23.50	\$21.25
4 day avg.	22.70	21.70
Kan. City, top	22.85	20.75
Omaha, top	22.75	20.65
St. Louis, top	23.50	21.25
Corn Belt, top	22.10	20.00
Cincinnati, top	23.75	21.25
Baltimore, top	24.00	21.50
Receipts—20 markets		
4 days	225,000	400,000
Slaughter—		
Fed. Insp.*	1,311,000	1,188,000
Cut-out	180-	220-
results	220 lb.	240 lb.
This week	—1.04	—1.22
Last week	—1.62	—1.71
		—2.11

PORK

Chicago:

Green hams,		
all wts.	40@43	36@37
Loins, 12/16	38@39	34@36
Bellies, 8/16	36@37	32@35
Picnics, all wts.	23@26 1/4	22@23
Reg. trimmings	23@24	22@23

New York:

Loins, 8/12	42@44	38@40
Butts, all wts.	40@43	36@40

LAMB

Chicago, top	\$23.50	\$22.85
Kan. City, top	23.50	22.00
Omaha, top	20.50	22.75

Slaughter—

Fed. Insp.*	288,000	355,000
-------------	---------	---------

Dressed lamb prices:

Chicago, choice	38@40	36@39
New York, choice	40@42	39@43

*Week ended December 21.

Cattle—Beef—Veal

CATTLE

Chicago cattle market this week: Bulk steers, yearlings and heifers 25c to 75c higher. All cows share in 25c to 50c advance. Bulls 50c or more higher. Calves firm.

	Thurs.	Week ago
Chicago steer top	\$30.00	\$28.00
4 day avg.	23.25	23.00
Kan. City, top	26.00	25.50
Omaha, top	23.50	23.75
St. Louis, top	28.00	25.00
St. Joseph, top	27.00	24.50
Bologna bull top	16.00	15.85
Cutter cow top	11.75	11.25
Canner cow top	10.65	10.25
Receipts—20 markets		
4 days	160,000	295,000
Slaughter—		
Fed. Insp.*	320,000	350,000

BEF

Steer carcass, good all weights.

Chicago	38@39	35 @38
New York	43@46	42 @46
Cutters	19@19 1/2	19 1/2 @20
Canners	19@19 1/2	19 1/2 @20
Bologna bulls, Dressed	24	23 1/2 @24

CALVES

Chicago, top	\$24.00	\$24.00
Kan. City, top	21.00	20.00
Omaha, top	20.00	19.50
St. Paul, top	24.00	24.00
St. Louis, top	31.00	28.00

Dressed Veal:

Good, Chicago	27@29	26@29
Good, New York	35@37	32@36

Slaughter—

Fed. Insp.*	144,000	146.00
-------------	---------	--------

*Week ended December 21.

Hides—Fats—By-Products

HIDES

Thurs. Week ago
Chicago hide market steady.
Native cows ... 25 25
Kipskins : 33 1/2 40

Outside Small Pkr.
Hides, all weight, str. & cows 20 @21 21 1/2 @22 1/2

TALLOW, GREASES, ETC.

New York tallow market steady.
Fancy 22 22
Chicago tallow market unchanged.
Prime 21 1/2 21 1/2

Chicago greases weaker.
A-white 21 1/2 21 1/2
Chicago By-Products:

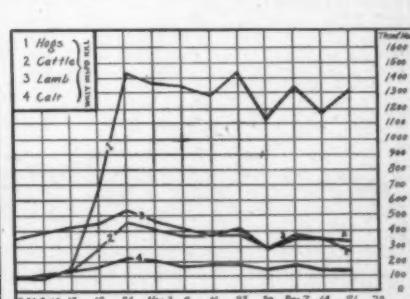
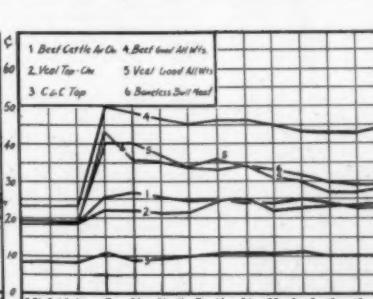
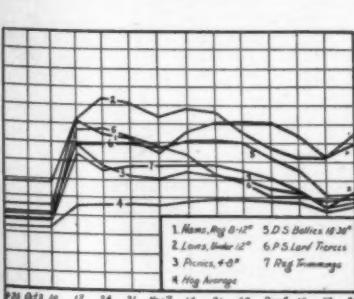
Dry rend. tank. 1.35@1.40 1.60
10-11% tankage .80 8.50
Blood80 8.00 @8.25
Digester tankage 60% 100.00 110.00
Cottonseed oil, Val. & S. E.27 .27

LARD

Lard—Cash 25.00b 24.50n
Loose 23.75b 22.50n
Leaf 25.00n 24.50n

FOOD INDEX UP

Dun & Bradstreet's weekly wholesale food price index rose to \$6.32 in the week ended Dec. 24 from \$6.28 the previous week, and compared with \$4.15 for the 1945 week. Individual commodities advancing were rye, hams, bellies, lard, butter, coffee, cocoa, cottonseed oil and hogs. Declining were flour, wheat, corn, oats, barley, peas, eggs, steers and lambs. The \$6.32 figure represents the sum total of the price per pound of 31 foods in general use.



Pork Output Offsets

Other Meat Losses

Meat production under federal inspection for the week ended December 21 totaled 366,000,000 lbs., the U. S. Department of Agriculture reported at Washington. This was 1 per cent above the 363,000,000 lbs. produced in the preceding week and the 363,000,000 lbs. recorded for the corresponding week last year.

Slaughter of cattle under federal inspection for the week was estimated at 320,000 head, 9 per cent below 350,000 a week earlier but 18 per cent above 272,000 slaughtered during the comparative week a year ago. Beef production was calculated at 154,000,000 lbs., compared with 166,000,000 in the preceding week and 131,000,000 recorded a year earlier.

Calf slaughter was estimated at 144,000 head, 1 per cent below 146,000 reported last week but 11 per cent above 130,000 recorded last year. Output of inspected veal for the three weeks under comparison was 16,100,000, 16,600,000 and 14,700,000 lbs., respectively.

The number of sheep and lambs slaughtered during the week was estimated at 288,000 head, 19 per cent below 355,000 in the preceding week and 39 per cent below 472,000 reported for the same period last year. Production of inspected lamb and mutton in the three weeks under comparison amounted to 12,400,000, 15,300,000 and 21,500,000 lbs., respectively.

Hog slaughter was estimated at 1,311,000 head, 10 per cent above 1,188,-

ESTIMATED FEDERALLY INSPECTED SLAUGHTER AND MEAT PRODUCTION

Week ended December 21, 1946 with comparisons

Week Ended	Beef		Veal		Lamb and Mutton		Pork (excl. lard)		Total Meat	
	Number 1,000	Prod. Mil. lb.	Number 1,000	Prod. Mil. lb.	Number 1,000	Prod. Mil. lb.	Number 1,000	Prod. Mil. lb.	Per 100 lb.	Total Mil. lb.
Dec. 21, 1946	320	153.6	144	16.1	288	12.4	1311	183.5	366.4	366.4
Dec. 14, 1946	320	166.2	146	16.6	355	15.3	1188	165.1	363.5	363.5
Dec. 22, 1945	272	130.8	130	14.7	472	21.5	1357	196.5	363.5	363.5

AVERAGE WEIGHTS—LBS.

Week Ended	Cattle		Calves		Sheep & Lambs		Hogs		LARD PROD.	
	Live	Dressed	Live	Dressed	Live	Dressed	Live	Dressed	Lbs.	Lbs.
Dec. 21, 1946	918	480	208	112	96	43	246	140	13.5	43.5
Dec. 14, 1946	914	475	207	114	94	43	241	139	12.8	42.8
Dec. 22, 1945	904	481	215	113	90	46	233	145	13.1	43.2

000 head slaughtered during the preceding week but 3 per cent below 1,357,000 recorded for the same week in 1945. Estimated production of pork was 184,000,000 lbs., compared with 165,000,000 last week and 196,000,000 in the corresponding week last year. Lard production totaled 43,500,000 lbs., compared with 36,800,000 last week and 45,200,000 in the same week last year.

The table above shows numbers of livestock slaughtered, meat and lard production and average weights of slaughter under federal inspection for the current week with comparisons.

J. G. Gardiner, Minister of Agriculture, announced. Gardiner said the higher British prices will be in a new bacon agreement now being negotiated which will insure higher rates for 1947 and 1948 and further negotiated prices for 1949.

The extent to which retail prices of bacon and other pork products will rise in Canada was not immediately known but Mr. Gardiner said the advance would be in line with the higher export price. The increase is expected to take place early next year.

Announcement that the British government plans to cut the bacon ration next month from three to two ounces a week came as no surprise to agriculture department officials in Canada. Canadian and British authorities have realized for some time that the Dominion would not be able to supply Britain with as much bacon as she needs because of a progressive drop in hog production since 1944. This year's hog production is estimated at 4,350,000 head and bacon shipments are expected to total only 295,500,000 lbs.

Britain To Pay More For Canadian Bacon

MONTREAL—Britain, faced with a pork shortage which recently cut her bacon ration from three to two ounces weekly, has agreed to boost the price she pays for Canadian bacon and this in turn will result in increased pork prices for the Canadian consumer, Hon.

RESULTS ON LIGHT AND MEDIUM HOGS IMPROVE AS PRODUCTS ADVANCE

(Chicago costs and credits, first three days of week.)

Product values edged up during the first two days of this week (compared with the corresponding period a week earlier) while packers managed to hold their average expenditures for live hogs to a somewhat smaller gain. As a result, cut-out results on the light and medium butchers were better, with last week's minus mar-

gins shaved substantially, but the 240- to 270-lb. butchers showed a minus margin of \$2.35 per cwt. compared with \$2.11 a week earlier.

This hog cut-out test is computed for illustrative purposes only. Each packer should figure his own test, using actual costs, credits, yields and realizations.

180-220 lbs.				220-240 lbs.				240-270 lbs.			
Pct. live wt.	Pct. fin. yield	Price per lb.	per cwt.	Pct. live wt.	Pct. fin. yield	Price per lb.	per cwt.	Pct. live wt.	Pct. fin. yield	Price per lb.	per cwt.
Regular hams	14.0	20.0	40.5	\$ 5.67	\$ 8.10	13.8	19.4	40.5	\$ 5.59	\$ 7.86	13.0
Skinned hams											
Picnics	5.7	8.1	29.0	1.42	2.02	5.5	7.7	25.0	1.17	1.72	5.1
Boston butts	4.8	9.0	33.5	1.53	2.13	4.1	5.8	35.0	1.43	2.03	4.1
Loins (blade in)	10.1	14.5	37.5	3.79	5.44	9.9	13.8	36.5	3.60	5.04	9.7
Bellies, S. P.	11.1	15.8	37.2	4.18	5.88	9.6	13.4	36.2	3.48	4.85	4.0
Bellies, D. S.											
Fat backs											
Plates and jowls	2.9	4.2	21.0	.61	.88	8.1	4.2	21.0	.65	.88	8.5
Raw leaf	2.2	3.2	24.6	.54	.79	2.2	3.1	24.6	.53	.76	2.2
P. S. lard, rend. wt.	12.0	18.4	23.7	3.06	4.36	11.4	15.8	23.7	2.70	3.74	10.4
Spareribs	1.6	2.3	34.0	.54	.78	1.6	2.3	30.0	.47	.69	1.6
Regular trimmings	3.2	4.6	23.2	.74	1.07	3.0	4.2	23.2	.70	.97	2.9
Feet, tails, neckbones	2.0	2.9	11.8	.24	.34	2.0	2.8	11.8	.24	.33	2.0
Offal and miscellaneous											
TOTAL YIELD AND VALUES	70.0	100.0	...	\$23.27	\$33.22	71.5	100.0	...	\$22.57	\$31.95	72.0
Cost of hogs											
Condemnation loss											
Handling and overhead											
TOTAL COST PER CWT.				\$24.31	\$34.71				\$24.09	\$33.69	
TOTAL VALUE				23.27	33.22				22.87	31.95	
Cutting margin				\$ 1.04	\$ 1.49				\$ 1.22	\$ 1.74	
Margin last week				1.62	2.32				1.71	2.39	
Per cwt. alive											
Per cwt. alive											
Per cwt. alive											

MEAT AND SUPPLIES PRICES

Chicago

Total	Meat
Prod.	
lb.	
Mil. lb.	
3.5	365.6
5.1	363.2
6.5	363.5

ARD PROD.	
Per	Total
100	Mil.
lbs.	
12.5	48.5
12.8	38.8
13.1	49.2

Agriculture, the higher new bacon situated which for 1947 and prices for

ail prices of products will riseately known the advance higher exportected to take

British government ration two ounces a to agricultural in Canada. Authorities have that the be to supply bacon as the price drop is. This year's at 4,350,000 are expected

butch-
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Value
per cwt.
in.
yield
3
8.00
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1.00
1
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3
4.00
2
1.00
1
1.00
5
1.10
3
1.00
4
3.44
47
36
38
1.40
\$30.00

Per cwt.
in.
field
\$34.12
30.89
\$ 1.25
2.30

WHOLESALE FRESH MEATS

CARCASS BEEF

Week ended	
Dec. 24, 1946	
per lb.	
Choice native steers—	
All weights	44@43
Good native steers—	
All weights	40@43
Commercial native steers—	
All weights	32@34
Cow, commercial	27@29
Cow, canner, or cutter	21@22
Shoulders, choice	32@38
Forequarters, choice	32@48
Forequarters, comm.	31@40
Cow, forequarter, comm.	26@28

BEEF CUTS

Steer loin, choice	80@85
Steer loin, good	65@70
Steer loin, commercial	35@40
Steer round, choice	45@50
Steer round, good	45@46
Steer rib, choice	60@66
Steer rib, good	54@57
Steer rib, commercial	30@35
Steer sirloin, choice	80@85
Steer sirloin, commercial	45@50
Steer chuck, choice	45@50
Steer chuck, good	45@41
Steer bracket, choice	30@34
Steer back, good	45@50
Steer back, good	45@50
Pork shanks	20@22
Hip shanks	18@20
Pork tenderloins	1.20@1.35
Pork plates	30@32

BEEF PRODUCTS

Brines	7 @ 8
Hearts	10 @ 12
Tongues, fresh, froz.	10 @ 12
Tongues, can, fresh or froz.	64 @ 35
Tripe, scalded	7 @ 8
Tripe, cooked	13 @ 13 1/4
Kidneys	18 @ 20
Livers, selected	40 @ 41
Check meat	20 @ 21
Lips	11 @ 12
Lungs	6
Melts	6
Brines	20@45
Brine, pork loins, and 12 lbs.	37@38
Picnics	27@28
Skinned shdne., bone in	29@30
Sparerib, under 3 lbs.	35@39
Bottom butts, 2/8 lbs.	36
Boneless butts, c. t.	55@56
Neck bones	9@10
Pigs' feet, front	8@10
Kidneys	15@18
Livers	22@25
Brains	15@18
Brains	11@14
Brines, lean in	18@14

SAUSAGE MATERIALS

Reg. pork trim (50% fat)	22@24
Sp. lean pork trim, 85%	87
Mr. lean pork trim, 98%	42
Pork cheek meat	30@32
Boarless bull meat	31@33
Boarless chunks	30@32
Shank meat	30@32
Trimmings	19@20
Dressed canners	19@20
Dressed cutter cows	19@20
Dressed bologna bulls	24
Pork tongues	20

WHOLESALE SMOKED MEATS

Fancy regular hams, 14/16 lbs., parchment paper	..
Fancy skinless hams, 14/16 lbs., parchment paper	55@58
Pork trim, brisket off, bacon, 8 lb. down, wrap	55@63
Square cut seedless bacon, 8 lb. down, wrap	50@55
No. 1 beef sets, smoked	..
Indust., C Grade	..
Outsides, C Grade	..
Knuckles, C Grade	..

VEAL—HIDE ON

Choice carcass	34@35
Good carcass	32@33
Commercial carcass	22@23
Utility	20@21

CALF

Choice, 225 to 300 lbs.	20@25
Good, 225 lbs. down	21@28
Commercial	22@23

LAMBS

Choice lambs	39@40
Good lambs	36@37
Commercial lambs	33@35
Utility	29@27

MUTTON

Good and choice	15@16
Commercial	14@15
Cull	12@13

SAUSAGE CASINGS

(F. O. B. Chicago)

(Prices quoted to manufacturers of sausages.)

Beef casings:	
Domestic rounds, 1 1/4 to 1 1/2 in., 180 pack.....	35 @ 60
Domestic rounds, over 1 1/2 in., 140 pack.....	50 @ 95
Export rounds, wide, over 1 1/2 in.....	1.00 @ 1.20
Export rounds, medium, 1 1/2 to 1 1/4 in.....	65 @ 75
Export rounds, narrow, 1 1/2 in. under.....	95 @ 1.05
No. 1 weasand, 22 in. up	9 @ 11
No. 1 weasand, 24 in. up	11 @ 12
No. 2 weasand.....	6 @ 8
No. 2 bungs.....	10 @ 12
Middle sewing, 1 1/4 @ 2	
2 in. select, wide, 2@2 1/4 in.....	1.50 @ 1.85
Middle, select, extra, 2 1/4@2 1/2 in.....	1.65 @ 1.75
Middle, select, extra, 2 1/2 in. & up.....	2.00 @ 2.25
Dried or salted bladders, per piece:	
12-15 in. wide, fat.....	12 1/4 @ 13
10-12 in. wide, fat.....	5 @ 6
8-10 in. wide, fat.....	4 @ 6
Pork casings:	
Extra narrow, 20 mm. & dn.	3.50 @ 3.55
Narrow medium, 25@32	
mm.	3.40 @ 3.50
Medium, 32@35 mm.	3.00 @ 3.15
Spe. medium, 35@38 mm.	2.85 @ 3.05
Wide, 38@45 mm.	2.75 @ 2.85
Extra wide, 43 mm.	2.50 @ 2.65
Export bungs, 34 in. cut, 35	28
Large prime bungs, 34 in. cut.....	27 @ 30
Medium prime bungs, 34 in. cut.....	20 @ 22
Small prime bungs.....	13 @ 15
Middle, per set.....	30 @ 35

CURING MATERIALS

Cwt.

Nitrite of soda (Chgo. w/whse)	
in 425-lb. bbls., del.	\$ 8.75
Salt peter, n. ton, f.o.b. N. Y.:	
Dbl. refined gran.	8.00
Small crystals	12.00
Medium crystals	13.00
Large crystals	14.00
Pure rfd. gran. nitrate of soda soda	4.00
Pure rfd. powdered nitrate of soda	4.00
Salt in min. car of 30,000 lbs. only, f.o.b. Chgo., per ton:	
Granulated, kiln dried.....	9.70
Medium, kiln dried.....	12.70
Rock, bulk, 40 ton car.....	8.80
Raw, 96 basis, f.o.b.	
New Orleans	5.20
Standard gran., f.o.b. refiners (%)	6.10
Packer's curing sugar, 250 lb. bags, f.o.b. Reserve, La., less 2%	5.15
Dextrose, in car lots, per cwt., (cotton)	4.80
In paper bags.....	4.75

EDWARD KOHN Co.

3845 EMERALD AVE., CHICAGO 9, ILL. Phone: YARDS 3134

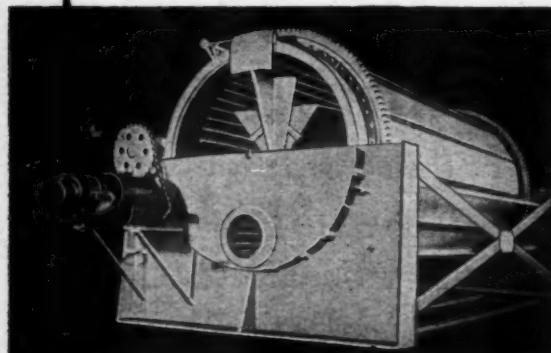
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and BUY
Straight or Mixed Cars
BEEF-VEAL-LAMB-PORK
AND OFFALEDWARD KOHN CO.
For Tomorrow's Business

SOLVAY nitrite of soda

SOLVAY SALES CORPORATION • 40 Rector Street, New York 6, N. Y.

THE NORTH SEWAGE SCREEN

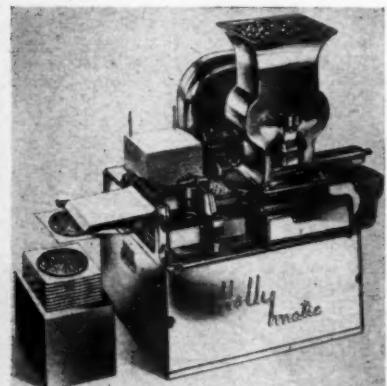
★ Stops Pollution!
★ Saves By-Products!



- Prevents plugging of sewers and overloading sewage disposal plants
- Handles killing floor waste and paunch manure
- Built in sizes to fit your plant capacity

GREEN BAY FOUNDRY & MACHINE WORKS

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Write for complete descriptive folder



THE
HOLLYMATIC
ELECTRIC
HAMBURGER
PATTY
MAKER
Makes
1800 PATTIES
PER HOUR

- Each patty on a separate sheet of waxed paper
- Automatically molded, stacked and counted
- Every patty uniform in size and weight from one to four ounces
- Perfectly sanitary—no patty touched by hand
- Compact—only 18x18 inches at base
- \$850.00 F.O.B. Chicago, Stak-Kounter \$80.00 extra
- No juices lost
- ALSO MAKES STEAK AND PORK SAUSAGE PATTIES

Holly Molding Devices, Inc.

6733 South Chicago Avenue
Chicago 37, Illinois

756 South Broadway
Los Angeles 14, California

CHICAGO PROVISION MARKETS

From The National Provisioner Daily Market Service

CASH PRICES

CARLOT TRADING LOOSE BASIS
F.O.B. CHICAGO OR CHICAGO
BASIS

THURSDAY, DECEMBER 26, 1946

REGULAR HAMS

	Fresh or Frozen	S.P.
8-10	43 1/2 n	45 1/2 n
10-12	42 1/2 n	44 1/2 n
12-14	42 1/2 n	44 1/2 n
14-16	42 n	44 n

BOILING HAMS

	Fresh or Frozen	S.P.
16-18	42 n	44 n
18-20	42 n	44 n
20-22	40 n	42 n

SKINNED HAMS

	Fresh or Frozen	S.P.
10-12	46	48 n
12-14	46	48 n
14-16	46	48 n
16-18	46	47 n
18-20	45 1/2	46 1/2 n
20-22	41 1/2	42 1/2 n
22-24	38 1/2	39 1/2 n
24-26	36 1/2	37 1/2 n
25-30	34	36 n

	Fresh or Frozen	S.P.
10-12	46	48 n
12-14	46	48 n
14-16	46	48 n
16-18	46	47 n
18-20	45 1/2	46 1/2 n
20-22	41 1/2	42 1/2 n
22-24	38 1/2	39 1/2 n
24-26	36 1/2	37 1/2 n
25-30	34	36 n

25-up, No. 2's, inc. 31 1/2 @ 32

OTHER D.S. MEATS

	Fresh or Frozen	Cured
Regular plates	24 n	25 n
Clear Plates	21 n	21 n
Jowl Butts	19 @ 20	21 n

20-25

12-16

10-12

12-14

14-16

16-18

18-20

20-22

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20-25

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WESTERN DRESSED MEATS

NEW YORK

MONDAY, DECEMBER 28, 1948

DETAILED QUOTATIONS

HEM BEEF—STEER & HEIFER:

Choice:	Utility:
400-500 lbs.	\$42.00-46.00
500-600 lbs.	44.00-46.00
600-700 lbs.	44.00-46.00
700-800 lbs.	44.00-47.00

Choice:	Utility:
400-500 lbs.	\$42.00-46.00
500-600 lbs.	44.00-46.00
600-700 lbs.	44.00-46.00
700-800 lbs.	44.00-47.00

Good:	Utility:
400-500 lbs.	36.00-38.00
500-600 lbs.	37.00-40.00
600-700 lbs.	38.50-41.00
700-800 lbs.	39.00-41.00

Commercial:	Utility:
400-600 lbs.	31.00-35.00
600-700 lbs.	33.00-36.00
Utility:	
400-600 lbs.	26.00-30.00

SW:	Commercial, all wts.	Utility, all wts.
	24.00-28.00	21.00-23.00
Cutter, all wts.	None	
Canner, all wts.	None	

FRISK MEAT—Carcass Basis¹:

Choice:	Utility:
50-170 lbs.	34.00-40.00
170-275 lbs.	28.00-32.00
Good:	
50-170 lbs.	28.00-36.00
170-275 lbs.	26.00-28.00

Commercial:	Utility:
50-170 lbs.	22.00-30.00
170-275 lbs.	22.00-26.00

¹Quotations based on skin off.

DRESSED BEEF CARCASSES

City Dressed

Dec. 24,

1948

Choice, native, heavy	50@53
Choice, native, light	48@50
Commercial	43@46
Steer, heifer, choice	40@43
Steer, heifer, good	40@43

BEEF CUTS

City

No. 1 ribs	\$0.90
No. 2 ribs	.80@.70
No. 1 loins	.80@.90
No. 2 loins	.65@.75
No. 1 hinds and ribs	.54@.60
No. 2 hinds and ribs	.48@.50
No. 1 rounds	.50@.52
No. 2 rounds	.48@.48
No. 1 chuck	.43@.45
No. 2 chuck	.36@.40
No. 3 chuck	
Balls, reg. 4@6 lbs. av.	
Balls, reg. 6@8 lbs. av.	
Steers, steers	
Steerloins, cows	
Steerloins, bulls	
Shoulder clops	

FRESH PORK CUTS

Westerns

Pork loins, fresh, 12 lbs. dn...	40
Shoulders, regular	35
Butts, regular 3/8 lbs.	39@40
Hams, regular, under 14 lbs...	55
Hams, skinned fresh, under 14 lbs...	49@50
Picnics, fresh, bone in	39
Pork trimmings, ex. lean	55
Pork trimmings, regular	38
Spareribs, medium	38@39
Ballsies, sq. cut, seedless, 8/12.	52
Pork loins, fr., 10/12 lbs...	40@41
Shoulders, regular	38@40
Butts, boneless, C. T.	60
Hams, skinned, under 14 lbs...	46@48
Hams, under 14 lbs...	48@50
Picnics, bone in	39@42
Pork trim, ex. lean	45
Pork trim, regular	38
Spareribs, medium	38
Boston butts, 3/8 lbs...	41
Ballsies, sq. cut, seedless, 8/12.	44@44

FANCY MEATS

Tongues, corne...	50
Veal breasts, under 6 oz...	60
6 to 12 oz...	80
12 oz. up...	1.00
Beef kidneys	30
Lamb fries	31
Beef livers	55
Ox tails, under 1/2 lbs...	10
Ox tails, over 1/2 lbs...	30

The National Provisioner—December 28, 1948

TRUCK OPERATORS

MEET

At the eighth annual meeting of the National Council of Private Motor Truck Owners at the Hotel New Yorker, New York, on January 14, the program will include discussion of "Trends in State and Federal Legislation"; "Proposed Changes in ICC Safety Regulations Affecting Private Motor Truck Operation" and "Legal Aspects of Threats to Private Motor Truck Operation."

O. A. Brouer, Swift & Company, Chicago, is central vice president of the association and A. H. Kreuder, Wilson & Co. and F. E. Mollin, American National Live Stock Association, are among its directors.



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The Indians knew it, the Spaniards knew it, the French knew it, and those of English descent of the Southeastern regions have known for 150 years the superior qualities of Tidewater Red Cypress and its resistance to decay. Along the Atlantic Coastal Plain where lie buried cypress trees that grew over 100,000 years ago in the Pleisto-

cene Age, many of which have since been dug up, give mute evidence of the lasting qualities of cypress never equalled for its decay resistance. In more recent years industry has also learned that it likes the difficulties of odor, taste and acid. Tidewater Red Cypress has ALL the qualities you demand for many specific industrial demands.



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BY-PRODUCTS—FATS—OILS

TALLOWS AND GREASES

TALLOWS AND GREASES.—Buying interest in the tallow and greases market has turned a little bit quiet and movement in this holiday week was very limited. Producers appear well sold up for some time to come with little being offered for delivery next month. The list of quotations is holding fairly well, although better grades of product appear in a little better demand than some of the lower grades. Slaughter of livestock is holding fairly well and an increase in cattle kill is expected shortly after the first of the new year for the number on feed is at record levels and many are now ready to move. Buying orders for edible tallow have declined slightly, but most product is moving in a range of 23½c to 23½c.

Inedible tallow quotations this week included fancy at 22c, choice 21½c; prime, 21½c; special, 21½c; No. 1, 21c; No. 3, 20½c, and No. 2 at 19½c. Grease quotations were as follows: choice white, 21½c to 22c; A-white, 21½c; B-white, 21½c; yellow, 21c; house, 20½c, and brown at 19c to 19½c.

NEATSFOOT OIL.—Producers are unable to offer any sizeable lots of neatsfoot oil and no reliable set of quotations is available. Demand appears to be fairly light at present.

STEARINE.—The movement of stearine is limited to a few small lots and quotations are not available. Buying orders appear to be fairly light.

OLEO OIL.—A range of 34c to 35c is buying small lots of oleo oil in tiers. There are some orders on tap for large lots, but production is too limited to satisfy the demand.

GREASE OIL.—Firm prices are being paid for grease oils. No. 1 is 27c; prime burning, 29c; acidless tallow oil, 27c; neatsfoot oil stock 31c, for sales in drum lots.

MARGARINE MATERIALS USED

Products used in uncolored margarine manufacture during October, 1946, compared with the corresponding period a year earlier.

	Oct., 1946 lbs.	Oct., 1945 lbs.
Butter culture	65	11
Butter flavor	232	665
Citric acid	298	99
Corn oil	637,480	826,984
Cottonseed flakes		2,450
Cottonseed oil	22,303,914	17,700,259
Cottonseed stearine		77
Derivative of glycerine	82,443	83,932
Diacetyl	63	58
Egg white		11,506
Lecithin	61,822	56,182
Milk	8,515,911	7,778,960
Monostearine	58,380	32,910
Neutral lard	102,369	155,481
Oleo oil	114,630	303,652
Oleo stearine	117,552	298,563
Oleo stock	32,355	19,000
Peanut oil	800,200	1,723,401
Salt	1,614,785	1,382,948
Soda (benzoyte of)	36,468	29,237
Soya bean oil	16,923,600	16,124,113
Soya bean stearine	12,200	1,224
Tallow		3,600
Vitamin concentrate	8,642	7,846
Total	51,432,490	46,543,928

BY-PRODUCTS MARKETS

Blood

Unground, loose Unit
Ammonia
\$0.00 del.

Digester Feed Tankage Materials

Unground, per unit ammonia \$7.00@1.00 del.
Liquid stick, tank cars 3.00 del.

Packinghouse Feeds

50% meat and bone scraps, bulk	<small>Carries, per ton</small>
55% meat scraps, bulk	<small>\$0.00</small>
50% feeding tankage with bone, bulk	<small>\$0.00</small>
60% digester tankage, bulk	<small>\$0.00</small>
80% blood meal, bulk	<small>\$0.00</small>
65% BPL special steamed bone meal, bagged	<small>\$0.00</small>

Bone Meal (Fertilizer Grades)

Steam, ground, 3 & 50	<small>Per ton</small>
Steam, ground, 2 & 26	<small>50.00@0.50</small>

Fertilizer Materials

High grade tankage, ground 10@11% ammonia	<small>Per ton</small>
Bone tankage, unground, per ton	<small>\$5.00@0.50</small>
Hoof meal, per unit ammonia	<small>\$0.00@1.00</small>

Dry Rendered Tankage

Cake	<small>Per mil Protein</small>
Expeller	<small>\$1.35@1.40 del.</small>

Gelatine and Glue Stocks

Calf trimmings (limed)	<small>Per mil Protein</small>
Hide trimmings (green, salted)	<small>Per mil Protein</small>

Cattle jaws, skulls and knuckles	<small>Per ton</small>
Pig skin scraps and trim, per lb.	<small>12.00@1.25</small>

Bones and Hoofs

Round, shins, heavy	<small>Per ton</small>
Light	<small>\$15.00@15.00</small>
Flat shins, heavy	<small>100.00@10.00</small>
Light	<small>100.00@10.00</small>
Blades, buttocks, shoulders & thighs	<small>95.00@10.00</small>
Hoofs, house run, assorted	<small>105.00@10.00</small>
Junk bones	<small>85.00@8.00</small>

Animal Hair

Winter coil dried, per ton	<small>Per ton</small>
Summer coil dried, per ton	<small>100.00@10.00</small>
Winter processed, black, lb.	<small>100.00@10.00</small>
Cattle switches	<small>100.00@10.00</small>
Winter processed, gray, lb.	<small>100.00@10.00</small>

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VEGETABLE OILS

Although volume of trading this short week was on the thin side the market for the various vegetable oils showed a firmer tendency. Eastern interests showed greatest activity and quotations were boosted in some instances. The stronger market was also reflected in purchases made for delivery during the first quarter of next year, although some buyers have been reluctant to contract beyond commitments already made until first quarter export allocations have been announced.

SOYBEAN OIL.—Trading in soybean oil early this week was done at 24½c and 25c for nearby delivery. However, later some sales were reported made at 25½c to eastern buyers, tank cars, f.o.b. Decatur.

PEANUT OIL.—After a fair amount of activity late last week trading for peanut oil slowed down but quotations remained fairly firm at previous levels. Crushers are working just about at peak levels and will continue so for the next few weeks. The oil continues to be quoted at 27c to 27½c, f.o.b. southern points.

OLIVE OIL.—This market is definitely on the thin side with buying orders very light. Nominally the market has settled at \$8 to \$9 per gallon, depending on package. Reports are that some new pack Spanish oil is offered at from

\$7.75 to \$8 per gallon, but interest is lacking since there is no certainty that necessary licenses for export will be obtainable by the shipper.

COTTONSEED OIL.—The spot market for cottonseed oil is unchanged with buying orders just about matching supplies. Most buying interest is in product for the balance of this month and through January. N. Y. Futures market:

MONDAY, DECEMBER 23, 1946

1947—	Open	High	Low	Close	Pr. cl.
Jan.	28.00	28.50
March	28.50	26.25
May	26.00	25.75
July	24.55	24.90
Sept.	21.60	21.00
Oct.	21.00	20.00
Nov.	19.00	20.00
Dec.	19.75	20.00

Sales: None.

TUESDAY, DECEMBER 24, 1946

1947—	Open	High	Low	Close	Pr. cl.
Jan.	28.00	28.00
March	26.50	26.50
May	25.50	26.50
July	24.55	24.55
Sept.	21.60	21.00
Oct.	21.00	21.00
Nov.	20.00	20.00
Dec.	20.00	19.75

Sales: None.

WEDNESDAY, DECEMBER 25, 1946

HOLIDAY

THURSDAY, DECEMBER 26, 1946

1947—	Open	High	Low	Close	Pr. cl.
Jan.	28.00	28.00
March	27.00	26.50
May	25.80	25.50
July	25.00	24.55
Sept.	21.60	21.00
Oct.	21.00	21.00
Nov.	20.00	20.00
Dec.	20.00	20.00

Sales: None. *Bid. †Asked.

MARGARINE PRODUCTION

Margarine produced in October, 1946, according to U. S. Treasury Department:

	Oct., 1946 lbs.	Oct., 1945 lbs.
Production of uncolored margarine	50,619,830	45,724,888
Production of colored margarine	9,051,350	3,985,845
Total	60,271,180	49,820,233
Uncolored margarine withdrawn tax paid	49,807,798	44,000,240
Colored margarine withdrawn tax paid	1,530,111	2,868,759
Total	61,427,904	46,837,990

VEGETABLE OILS

Cotton- seed	Soy- bean
White, deodorized, summer oil in tank cars, del'd Chicago	30%
Yellow, deodorized asid or winter laid oil, in tank cars, del'd Chicago	29%
Soybean oil, in tanks, f.o.b. mills, Midwest	24½ del'd
Corn oil, in tanks, f.o.b. mills	24½ del'd
Raw soap stocks: Cents per lb. del'd in tank cars	27½
Cottonseed foots, basis 50% T.F.A. Midwest and West Coast	5½ del'd
Corn foots, basis 50% T.F.A. Midwest	5½ del'd
Soybean foots, basis 50% T.F.A. Midwest and West Coast	5½ del'd
East	5½ del'd

Manufacturer to jobber prices, f.o.b.

OLEOMARGARINE

Prices f.o.b. Chgo.

White domestic, vegetable	36@BB
White animal fat	40@41
Water churned pastry	35
Milk churned pastry	36

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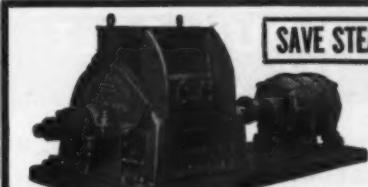
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HIDES AND SKINS

Steady prices rule in active holiday week packer hide trade—Packers move around 100,000 hides at unchanged prices—Small packer market easier—Country hide market soft and neglected.

Chicago

PACKER HIDES.—This has been an active week in the packer hide market, despite the Holiday interruption. Total sales of a little over 100,000 hides are credited at steady prices for all selections involved, although some sellers have not disclosed full details as to quantities. Trading has been spread generally throughout the week.

Early this week, three local packers sold a total of 5,500 mixed light and heavy native steers at 26c, and two outside packers later sold 2,600, also at 26c, steady price. Straight heavy native steers last sold at 27c. Three packers sold a total of about 13,500 mostly Dec. extreme light native steers during the week at 25c, steady.

One packer moved an undisclosed quantity of branded steers just prior to the Holiday; quantity was estimated by some traders at 15,000 or more, although not confirmed. Butt branded steers sold at 24½c; Colorados moved at 24c; heavy and light Texas steers sold at 24½c, steady with earlier asking prices. Two packers sold small quantities of extreme light Texas steers at 24c, or on a parity with branded cows.

Packers confirmed a total of 5,230 heavy native cows, mostly Dec. take-off, during the week at 25c. A total of 39,500 light native cows were also confirmed at 25c, both steady prices. One packer sold 1,000 branded cows at 24c, steady, and another moved an undisclosed quantity same basis. Other unreported sales of cows are reported to have been made at the same levels. Late this week, an outside packer sold 1,400 light native cows at 25c, steady price, and one packer moved 3,000 dating Dec.-Jan. same basis.

The Association moved a car of bulls early in the week at steady prices, 19c for native bulls and 18c for brands.

Federally inspected cattle slaughter for the week ended Dec. 21 was estimated by the USDA at 320,000 head, nine percent below the 350,000 of previous week, but 18 percent over the 272,000 reported same week a year ago. Calf slaughter figured at 144,000 head, one percent under the 146,000 of previous week, but 11 percent over the 130,000 for same week last year.

OUTSIDE SMALL PACKER.—With a liberal supply of packer hides available, buyers of small packer stock have been rather choosy as to offerings. Some good lots of outside small packer stock have been reported available at down to 21c, selected, for all-weight native steers and cows, with brands at a cent less, and market generally quoted 20@21c, basis natives, with bulls around 16@17c in a nominal way.

PACIFIC COAST.—There has been no news from the Pacific Coast market this week but fairly sizeable trading was reported previous week basis 22c, flat, for steers and cows, with indications that picked southern points were involved in the movement to some extent, and general market viewed as a bit easier.

COUNTRY HIDES.—The country market has been very draggy. Sales of country all-weight native steers and cows were reported early at 18c, selected, trimmed, with brands at a cent less; other offerings that basis, or at 18½c, were reported unsold, and some lots were reported moving down to around 17c level, with indications from buyers that some distress lots have been bought lower. Buyers in the country market are not plentiful at the moment, and values are not too clearly defined.

CALF AND KIPSKINS.—One packer moved an undisclosed quantity of calf and kipskins just prior to the Holiday; steady prices were reported paid for all descriptions involved but no details were available as to quantities.

First reports were that 8,000 skins were involved but later there were indications that considerably more had moved. Sales made previous week involved 3-4's at \$3.00, 4-5's at \$3.40, 5-7's at \$4.20; St. Paul 7-9's moved at \$6.15, and 9-12's at \$7.75; Milwaukee 7-9's sold at \$6.30, and 9-12's at \$8.00 each.

Trading previous week in packer kipskins involved a sizeable quantity of southern kips, with the 12-17's going at \$7.40 and 17/23's at \$8.10; untrimmed southern kips sold at 32c, and brands 28c. A few northern kips also moved, the 12-17's going at \$7.75, and 17/23's at \$8.50; untrimmed northern kips sold at 33½c, and brands 28c.

Chicago city calfskins, on a per pound basis, are quoted nominally around 36@41c for 8/10 lb., and 41@46c for 10/15 lb., with city kipskins around 28@30c, nom.

Country calfskins are quoted around 28@32c, flat, with country kips around 25c, flat, on a per pound basis.

Packer regular slunks last sold at \$3.10 each; hairless have been kept sold up around \$1.25 each.

SHEEPSKINS.—A little more interest is reported in packer shearlings and Fall clips this week. Trading is admitted in a couple directions but sellers are not inclined to take the initiative in disclosing details. It is strongly intimated in some quarters that steady prices were obtained, with the possibility of slightly lower prices in other directions. Some quote No. 1 packer shearlings around \$2.50@2.60 each, with No. 2's nominal around \$1.90 2.10, and No. 3's \$1.00@1.10; very few of the two lower grades are available, and production of No. 1's is seasonally light. Fall clips are usually quoted \$3.30@3.50 each for straight run. Pickled skins continue slow, with around \$20.00 per doz. quoted for straight run of packer production, and buyers' ideas usually topping around \$19.00; outside production reported ranging down to around \$17.00 per doz. Last sales of packer wool pelts by midwest packers are credited as having been made around \$4.02½ per cwt. liveweight basis for Nov. and \$4.07½ per cwt. for Dec. take-off; outside packer pelts quoted down around \$3.75 per cwt. live-

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had moved
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\$4.20; &
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at \$6.30.

ight basis at the moment. F. L.
laughter of sheep and lambs was
estimated by the USDA for the week
ended Dec. 21 at 288,000 head.

U. S. GRADED MEATS, BY-PRODUCTS

Meats and by-products graded during
August, 1946, as reported by the U. S.
Department of Agriculture.

	Aug., 1946	July, 1946
Fresh and frozen:		
Beef	611,530,000	622,635,000
Veal	88,902,000	87,215,000
Lamb	52,974,000	53,049,000
Yearling and heifer steers	12,807,000	18,348,000
Pork	1,011,000	6,720,000
Hams, canned ¹	4,027,000	20,578,000
Hams, cured	1,982,000	8,759,000
Lard	474,000	8,239,000
Lard substitutes and edible tallow	85,000	82,000
Meat and ground meats	814,000	746,000
Miscellaneous meats ²	298,000	197,000
Total meats and lard	774,883,000	826,567,000
Ghee/margarine and ole oil	4,832,000	5,865,000
Horse meat:		
Cured	4,512,000	3,946,000
Cured	456,000	484,000
Hog casings (1000 bundles)		

¹Figures for canned meats are incomplete as an
undetermined amount is included with the cured
meats classification.

²Includes beef suet. ³Totals based on unrounded
numbers.

N. Y. HIDE FUTURES

MONDAY, DECEMBER 25, 1946

	Open	High	Low	Close
June	22.25b	22.40	22.25	22.40
Sept.	21.30b	21.70	21.70	21.70
Dec.				21.35b
Closing 25 to 30 higher; sales, 7 lots.				

TUESDAY, DECEMBER 26, 1946

	Open	High	Low	Close
June	22.25b	22.40	22.25	22.40
Sept.	21.30b	21.70	21.70	21.70
Dec.				21.35b

No sales.

WEDNESDAY, DECEMBER 26, 1946

Holiday

THURSDAY, DECEMBER 27, 1946

	Open	High	Low	Close
June	22.00	22.65	22.00	22.15b
Sept.	21.25b	21.90	21.40	21.40
Dec.	21.00b	21.55	21.50	21.10b

Closing 15 higher; sales, 20 lots sold.

FRIDAY, DECEMBER 28, 1946

	Open	High	Low	Close
June	21.90b	22.00	22.00	22.15b
Sept.	21.11b	21.85	21.25	21.40b
Dec.	20.85b	21.60	21.00	21.15b

20 lots sold.

CHICAGO PROV. SHIPMENTS

Provision shipments from Chicago for
the week ended December 21, 1946:

	Week Dec. 21	Previous week	Year ago
Cured meats, pounds	24,633,000	22,334,000	21,038,000
Fresh meats, pounds	44,685,000	43,327,000	43,327,000
Lard, pounds	3,739,000	1,215,000	6,865,000

MEXICAN LIVESTOCK BARRED

U. S. Department of Agriculture an-
nounced this weekend that hoof and
mouth disease has been discovered in
Mexico. Imports of cattle, sheep and
swine from that country will stop im-
mediately.

WEEK'S CLOSING MARKETS

CHICAGO HIDE QUOTATIONS

PACKER HIDES		Cor. week, 1945
Week ended Dec. 26, '46	Previous Week	
Hvy. nat.' stra.	@27	@15 1/2
Hvy. Tex. stra.	@24 1/2	@14 1/2
Hvy. butt	@25	@15 1/2
brnd'd stra...	@24 1/2	@14 1/2
Hvy. Col. stra.	@24	@14
Ex-light Tex. stra.	@24	@24 1/2
Brnd'd cows...	@24	@14 1/2
Hvy. nat. cows...	@25	@15 1/2
Light cows...	@25	@15 1/2
Nat. bulls...	@19	@12
Brnd'd bulls...	@18	@11
Calfskins ... 45	45	28 1/2
Kips, nat. 32	32 1/2	20
Kips, brnd'd...	28	17 1/2
Slunks, reg...	13.10	11.10
Slunks, brls...	11.25	11.55

CITY AND OUTSIDE SMALL PACKERS

Nat. all-wts... 20	@21	21 1/2 @22 1/2	@15
Brnd'd all wts. 19	20	20 1/2 @21 1/2	@14
Nat. bulls... 15	16	15 @16	@11 1/2
Brnd'd bulls... 14	15	14 @15	@10 1/2
Calfskins ... 36	46	38 @46	20 1/2 @23
Kips, nat. 28	30	28 @30	@18
Slunks, reg... 2.00	2.25	2.00 @2.25	@11.10
Slunks, brls.... 1.00	1.00	@1.00	@55

All packer hides and all calf and kipskins quoted
on trimmed, selected basis; small packer hides
quoted selected, trimmed; all slunks quoted flat.

COUNTRY HIDES

Hvy. stra.... 17	@18	18	@19	14 1/2 @15
Hvy. cows.... 17	@18	18	@19	14 1/2 @15
Bulls.... 17	@18	18	@19	@15
Extremes.... 17	@18	18	@19	@15
Bulls.... 13	@14	13	@14	@11
Calfskins ... 28	32	28 @30	16	@18
Kipskins ... 25	26	25 @26	16	@16
Horsehides ... 8.50	@9.50	9.50 @10.50	6.50 @8.00	

All country hides and skins quoted on flat trim-
med basis.

SHEEPSKIN

Pkr. shearlings... 2.50	@2.00	2.50 @2.00	2.10 @2.15
Dry pelts ... 25	@26	25 @26	24 @25

FRIDAY'S CLOSING

Provisions

Midweek predictions of a drop in
food prices had their effect on the live
and product markets; buyers showed a
lack of confidence. With the live hog
market off \$1 to \$2 on Friday, hams
sagged to 44 1/2c, or down 1 1/2c. Loins
were steady but picnics and green
bellies were lower. The lard market,
with the prospect of government buy-
ing to back it up, was steady to strong
with the Chicago quotation 24 1/2c @25 1/2c
in all kinds of packages.

Cottonseed Oil

Jan., 28.00b; Mar., 28.00b, 29.00ax;
May, 26.00b; July, 25.00b, 26.00ax;
Sept., 21.60b, 23.00ax; Oct., 19.25b,
21.00ax; Nov., 20.00ax; Dec., 19.00ax.

CAN RESTRICTIONS EASED

Under an amendment to Conserva-
tion Order M-81, dog food and shortening
have been added to the list of
products which can be put in tin con-
tainers. Canners will no longer oper-
ate under quotas, but may use as many
containers as they can procure.

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seasons as it cures. In addition, the NEVER-
FAIL 3-Day Ham Cure always produces an
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LIVESTOCK MARKETS

Weekly Review

58% GAIN IN F. I. PLANTS SINCE 1939

In response to requests for information on the volume of slaughter in plants which have been granted federal inspection since the beginning of the war, the Department of Agriculture has prepared an analysis of the November 1939 and November 1946 slaughter totals. The figures reveal a 58 per cent increase in the number of inspected plants operating this November over the same month in 1939.

In November 1946 there were 473 slaughtering plants operating under federal inspection. Out of this total 196 have been granted U. S. federal inspection since November 1939 leaving 277 which were also under federal inspection in November 1939. In November 1939 there were 298 federally inspected slaughtering plants; 21 of these dropped inspection prior to November 1946 leaving 277 which were still under federal inspection in November 1946. The slaughter in these 277 comparable plants for both November 1946 and November 1939 is shown in the tables below.

The slaughter in November 1946 for the 196 plants granted inspection since November 1939 was 255,000 cattle, 90,000 calves, 139,000 sheep, and 294,000 hogs. This slaughter amounted to the following percentages of the total November 1946 federally inspected slaughter: Cattle, 19 per cent; calves, 14 per cent; sheep and lambs, 9 per cent, and hogs, 5 per cent.

November 1946 Federally Inspected Slaughter					
	Number of Plants	Cattle	Thousands Calves	Head Sheep	Hogs
Total inspected slaughter	473	1348	656	1529	5434
Plants granted inspection since November 1939	196	255	90	139	294
Slaughter in plants comparable with November 1939	277	1093	566	1390	5140

November 1939 Federally Inspected Slaughter					
	Number of Plants	Cattle	Thousands Calves	Head Sheep	Hogs
Total inspected slaughter	298	837	450	1469	4437
Plants dropped inspection since November 1939	21	4	2	..	44
Slaughter in plants comparable with November 1946	277	833	448	1469	4393

NETHERLANDS LIVESTOCK

Total cattle numbers for the Netherlands, according to a September census, are 82 per cent of the prewar year 1939. A decrease of 100,632 head since May is largely accounted for by seasonal slaughter of less desirable young cattle and old cows. Out of a total cattle population of 2,300,000 head, dairy cows amount to 55 per cent, or almost 1,300,000 head, which is 81 per cent of the prewar dairy herd. Total numbers of

young cattle were reduced by almost 83,000 head since the May census, but still hold a position which is 93 per cent of prewar.

Hog numbers at 1,168,000 head in September, continue to show a steady increase despite government measures to encourage reduction to a level supposable by the unfavorable winter feedstuffs position. Although the number of breeding sows has been reduced by 23 per cent since last May, young

pigs of 6 weeks and slaughter hogs have increased to nearly 65 per cent. This indicates a tendency for farmers to hold their pigs rather than to market at the lighter weights as urged by the government. The reduction in sow numbers will result in a smaller pig crop in early 1947 and a slower restoration of hog numbers.

SLAUGHTER BY STATIONS

Livestock slaughter under federal inspection, during November, 1946, by stations:

	Cattle	Calves	Hogs	Money and Lands
NORTH ATLANTIC				
New York, Newark, Jersey City	37,000	40,427	201,549	101,468
Baltimore, Phila	23,853	2,900	119,815	9,387
NORTH CENTRAL				
Cinci., Cleve., Indpls.	59,371	10,055	289,011	21,164
Chicago, Elburn	125,426	37,945	529,692	140,461
St. Paul-Wis. group ¹	106,480	121,887	518,706	108,681
St. Louis area ²	80,612	58,884	248,757	63,235
Sioux City	40,896	4,025	168,183	6,337
Omaha	89,025	7,935	264,514	97,005
Kansas City	112,580	37,166	243,442	65,386
Iowa & S. Minn. ³	70,875	26,247	811,263	175,390
SOUTHEAST ⁴				
St. C.ENT. WEST ⁵	34,738	23,028	105,459	18
ROCKY MOUNTAIN ⁶				
TAI ⁷	144,173	90,091	354,892	132,321
PACIFIC ⁸				
Nov.	28,581	4,578	71,525	23,466
Total—Nov.	79,710	19,613	337,575	124,307
Total—Oct.	1,347,679	655,986	5,434,088	1,328,542
Av. Nov. 5 yr.	1,102,882	650,667	3,114,457	2,005,551
1941-45)	1,198,440	651,558	5,232,590	1,941,989
Other animals slaughtered during Novem- ber 1946: Horses, 22,116, Goats, 4,852; November 1945: Horses, 7,325, Goats, 557. Percentages based on corresponding period of 1945, October 1946, and 5-year average.				
¹ Includes St. Paul, S. St. Paul, Newport, Minn., and Madison, Milwaukee, Green Bay, Wis. ² Includes St. Louis Nat'l Stock Yards, East St. Louis, Ill., and St. Louis, Mo. ³ Includes Cedar Rapids, Des Moines, Fort Dodge, Mason City, Marshalltown, Ottumwa, Storm Lake, Waterloo, Iowa and Albert Lea, Austin, Minn. ⁴ Includes Birmingham, Dothan, Montgomery, Ala., Tallahassee, Fla., and Albany, Atlanta, Columbus, Moultrie, Thomasville, Tifton, Ga. ⁵ Includes South St. Joseph, Mo., Wichita, Kans., Oklahoma City, Okla., and Fort Worth, Tex. ⁶ Includes Denver, Colo., and Ogallala, Salt Lake City, Utah. ⁷ Includes Los Angeles, Vernon, San Francisco, San Jose, Sacramento, Vallejo, Calif.				



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LIVESTOCK PRICES AT LEADING MARKETS

Livestock prices at five western markets on December 26, 1946, reported by Office of Production & Marketing Administration:

1946 (quotations based on hard hogs): Chicago Nat. Stk. Yds. Omaha Kans. City St. Paul

BARROWS AND GILTS:

Good & Choice:

120-140 lbs.	\$19.00-20.50	\$20.00-21.50	\$1.	\$.	\$.	\$.
140-160 lbs.	20.00-22.75	21.00-23.00	21.00-22.00	21.50-22.25	22.75	22.75 only
160-180 lbs.	22.00-23.50	22.50-23.25	21.50-22.50	22.00-22.75	22.75	22.75 only
180-200 lbs.	23.25-23.50	23.00-23.50	22.50-22.75	22.65-22.90	22.75	22.75 only
200-220 lbs.	23.25-23.50	23.00-23.50	22.50-22.75	22.75-22.90	22.75	22.75 only
220-240 lbs.	23.00-23.50	23.00-23.50	22.50-22.75	22.75-22.90	22.75	22.75 only
240-270 lbs.	23.00-23.50	23.00-23.50	22.50-22.75	22.75-22.90	22.75	22.75 only
270-300 lbs.	22.50-23.00	22.25-23.00	22.25-22.50	22.40-22.65	22.75	22.75 only
300-330 lbs.	22.25-22.75	22.00-22.50	22.25-22.50	22.25-22.50	22.50-22.75	
330-360 lbs.	21.75-22.50	21.75-22.25	22.25-22.50	22.00-22.35	22.25-22.50	

Medium:

160-220 lbs.	19.00-22.50	20.50-23.25	21.00-22.50	21.50-22.50	22.25-22.50
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Heavy:

Good & Choice:

270-300 lbs.	20.25-20.50	20.00-20.50	20.00-20.50	19.25-19.50	19.75 only
300-330 lbs.	20.25-20.50	20.00-20.50	20.00-20.50	19.25-19.50	19.75 only
330-360 lbs.	20.25-20.50	20.00-20.50	20.00-20.50	19.25-19.50	19.75 only
360-400 lbs.	20.00-20.25	20.00-20.50	20.00-20.50	19.25-19.50	19.75 only

Good:

400-450 lbs.	20.00-20.25	19.50-20.50	20.00-20.50	19.25-19.50	19.75 only
450-500 lbs.	19.75-20.00	18.00-20.00	20.00-20.50	19.25-19.50	19.75 only

Medium:

250-350 lbs.	16.00-19.00	17.00-20.00	19.50-20.00	19.00-19.25	19.25-19.50
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SLAUGHTER CATTLE, VEALERS, AND CALVES:

STEERS, Choice:

700-900 lbs.	27.00-32.00	26.00-31.00	24.50-29.50	25.00-30.50	25.00-31.50
900-1100 lbs.	27.50-33.00	27.00-32.00	26.00-32.00	25.50-31.00	25.50-31.50
1100-1300 lbs.	28.50-33.00	28.00-32.00	27.00-32.00	26.00-31.00	25.50-32.50
1300-1500 lbs.	29.50-33.50	28.00-32.00	27.50-32.00	26.50-31.00	26.00-32.50

STEERS, Good:

700-900 lbs.	22.00-27.00	20.00-26.00	18.50-24.00	18.00-25.50	19.50-25.50
900-1100 lbs.	22.50-27.50	21.00-27.00	19.00-26.50	19.00-26.00	19.50-25.50
1100-1300 lbs.	22.50-28.50	22.00-28.00	20.00-27.00	20.00-26.50	19.50-26.50
1300-1500 lbs.	23.50-29.50	22.00-28.00	20.00-27.50	20.50-26.50	19.50-26.50

STEERS, Medium:

700-1100 lbs.	15.00-22.50	15.00-21.00	15.00-19.00	15.00-20.00	14.00-19.50
1100-1300 lbs.	15.50-22.50	16.00-22.00	16.50-20.00	17.50-20.50	14.00-19.50

STEERS, Common:

700-1100 lbs.	13.00-15.50	12.50-16.00	12.00-19.00	13.00-15.00	11.50-14.00
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HEIFERS, Choice:

600-800 lbs.	23.00-27.00	24.00-29.00	23.00-27.00	22.00-26.50	24.00-29.50
900-1000 lbs.	24.00-28.00	25.00-29.00	23.00-28.00	22.50-27.50	24.00-29.50

HEIFERS, Good:

600-800 lbs.	18.00-23.00	19.00-24.00	17.50-23.00	17.25-22.00	18.00-24.00
800-1000 lbs.	19.00-24.00	19.50-25.00	18.00-23.00	17.75-22.50	18.00-24.00

HEIFERS, Medium:

500-900 lbs.	14.00-18.00	14.00-19.50	13.00-17.50	12.50-17.50	13.50-18.00
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HEIFERS, Common:

500-900 lbs.	12.00-14.00	11.50-14.00	10.50-13.00	11.00-12.50	11.00-13.50
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COWS, All Weights:

Good	14.50-17.50	15.00-17.00	13.00-16.00	13.75-16.00	18.50-16.00
Medium	12.50-15.50	13.00-15.00	11.75-13.00	12.25-13.75	12.00-13.50
Cat. & com.	10.25-12.50	10.75-13.00	10.25-11.75	10.50-12.25	9.75-12.00
Canner	9.50-10.25	9.50-10.75	9.00-10.25	9.00-10.50	9.00-9.75

BULLS (Yrs. Excl.), All Weights:

Beef, good	15.25-17.50	16.00-16.50	14.25-15.00	15.25-15.75	15.50-16.00
Sausage, good	14.50-15.50	14.50-16.00	14.00-14.75	14.25-15.00	14.50-15.50
Sausage, medium	12.00-14.50	13.00-14.50	12.00-14.00	12.00-14.25	12.50-14.50
Sausage, cut. & com.	11.00-12.00	9.50-13.00	10.50-12.00	10.00-12.00	9.00-12.50

CALVES:

Good & choice	18.00-23.00	17.50-28.00	15.50-17.50	17.50-20.00	18.50-24.00
Com. & med.	19.50-10.50	11.00-17.50	10.50-15.50	10.50-17.50	11.00-18.50
Cull	9.00-10.50	8.00-11.00	8.50-10.50	8.00-10.50	8.00-11.00

CALVES:

Good & choice	14.50-17.50	15.00-18.00	15.00-17.50	15.50-20.00	14.00-16.00
Com. & med.	10.00-14.50	11.00-15.00	10.00-15.00	10.00-15.50	10.00-14.00
Cull	9.00-10.00	8.00-11.00	8.00-10.00	7.50-10.00	8.00-10.00

SLAUGHTER LAMBS AND SHEEP:

LAMBS:

Good & choice	22.35-22.75	21.50-22.50	21.00-22.25	22.00-23.10	22.50-23.25
Medium & good	16.50-22.00	17.00-21.00	16.00-20.50	18.50-21.75	15.00-22.25
Common	12.50-15.50	13.00-16.00	12.50-15.50	15.00-18.25	12.00-14.75

YLG. WETHERS:

Medium & good	10.00-12.25
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EWES:

Good & choice	7.25-7.50	6.75-7.50	6.50-7.00	7.25-7.50	6.75-7.50
Common & med.	5.50-7.00	5.50-6.75	5.50-6.50	6.00-7.00	5.50-6.50

Quotations on woolled stock based on animals of current seasonal market weights and wool growth. Those on shorn stock on animals with No. 2 pelt.

Quotations on slaughter lambs and yearlings of Good and Choice grades and on ewes of Good and Choice grades, as combined, represent lots averaging within the top half of the Good and the top half of the Medium grades, respectively.

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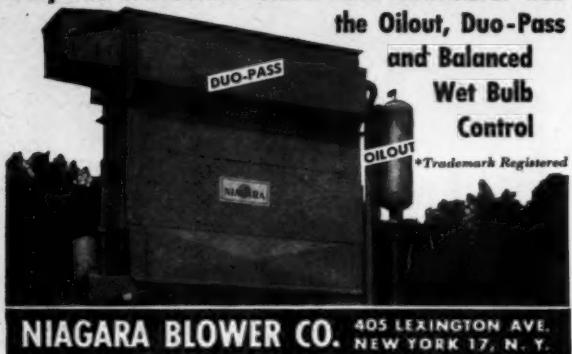
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SLAUGHTER REPORTS

Special reports to THE NATIONAL PROVISIONER showing the number of livestock slaughtered at 15 centers for the week ended Dec. 21, 1946.

CATTLE

	Week ended	Prev. week	Cor. week
	Dec. 21,	week	1945
Chicago	27,876	24,792	19,030
Kansas City	23,328	25,970	35,646
Omaha	23,868	23,666	19,961
East St. Louis	16,823	16,679	—
St. Joseph	13,267	11,549	5,118
Sioux City	10,559	11,175	9,488
Wichita	8,305	9,952	3,692
Philadelphia	8,272	3,933	3,367
Indianapolis	2,592	—	1,789
New York & Jersey City	8,115	9,319	12,582
Okla. City	7,986	13,139	5,242
Cincinnati	7,628	5,872	7,002
Denver	7,059	8,296	5,288
St. Paul	3,490	15,614	15,887
Milwaukee	3,490	4,166	3,596
Total	162,995	178,275	158,867

*Cattle and calves.

HOGS

	Dec. 20	Dec. 21	Dec. 22	Dec. 23	Dec. 24	Dec. 25	Dec. 26
Chicago	107,803	96,265	117,810	—	—	—	—
Kansas City	58,986	48,082	54,191	—	—	—	—
Omaha	59,988	49,583	66,484	—	—	—	—
East St. Louis	82,747	74,141	83,449	—	—	—	—
St. Joseph	28,943	21,592	40,497	—	—	—	—
Sioux City	45,842	37,202	49,089	—	—	—	—
Wichita	3,274	2,381	3,017	—	—	—	—
Philadelphia	12,487	12,934	10,931	—	—	—	—
Indianapolis	25,075	—	16,876	—	—	—	—
New York & Jersey City	39,258	36,001	45,168	—	—	—	—
Okla. City	10,788	11,696	15,876	—	—	—	—
Cincinnati	12,707	14,396	16,625	—	—	—	—
Denver	14,433	14,511	16,417	—	—	—	—
St. Paul	28,822	36,835	43,792	—	—	—	—
Milwaukee	6,068	6,775	4,515	—	—	—	—
Total	536,578	461,620	580,469	—	—	—	—

*Includes National Stock Yards, E. St. Louis, Ill., and St. Louis, Mo.

SWINE

	Chicago	Kansas City	Omaha	East St. Louis	St. Joseph	Sioux City	Philadelphia	Indianapolis	New York & Jersey City	Okla. City	Cincinnati	Denver	St. Paul	Milwaukee	Total	
10,800	14,201	16,411	—	—	—	—	—	—	39,731	47,675	55,976	—	—	—	—	
15,243	18,379	25,970	22,810	20,193	—	—	—	—	1,600	2,495	4,956	—	—	—	—	
16,417	6,827	13,779	—	—	8,722	8,448	15,691	—	—	927	736	1,252	—	—	—	—
13,993	18,184	16,547	2,197	2,194	2,033	2,197	2,714	—	14,574	18,696	14,010	—	—	—	—	—
1,226	—	3,196	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
10,800	14,201	16,411	22,810	20,193	8,722	8,448	15,691	—	1,600	2,495	4,956	—	—	—	—	—
15,243	18,379	25,970	—	—	2,033	2,197	2,714	—	14,574	18,696	14,010	—	—	—	—	—
16,417	6,827	13,779	—	—	1,226	—	—	—	10,781	47,675	55,976	—	—	—	—	—
13,993	18,184	16,547	2,197	2,194	2,033	2,197	2,714	—	14,574	18,696	14,010	—	—	—	—	—
1,226	—	3,196	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
10,800	14,201	16,411	22,810	20,193	8,722	8,448	15,691	—	14,574	18,696	14,010	—	—	—	—	—
15,243	18,379	25,970	—	—	2,033	2,197	2,714	—	1,226	—	—	—	—	—	—	—
16,417	6,827	13,779	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
13,993	18,184	16,547	2,197	2,194	2,033	2,197	2,714	—	14,574	18,696	14,010	—	—	—	—	—
1,226	—	3,196	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
10,800	14,201	16,411	22,810	20,193	8,722	8,448	15,691	—	14,574	18,696	14,010	—	—	—	—	—
15,243	18,379	25,970	—	—	2,033	2,197	2,714	—	1,226	—	—	—	—	—	—	—
16,417	6,827	13,779	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
13,993	18,184	16,547	2,197	2,194	2,033	2,197	2,714	—	14,574	18,696	14,010	—	—	—	—	—
1,226	—	3,196	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
10,800	14,201	16,411	22,810	20,193	8,722	8,448	15,691	—	14,574	18,696	14,010	—	—	—	—	—
15,243	18,379	25,970	—	—	2,033	2,197	2,714	—	1,226	—	—	—	—	—	—	—
16,417	6,827	13,779	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
13,993	18,184	16,547	2,197	2,194	2,033	2,197	2,714	—	14,574	18,696	14,010	—	—	—	—	—
1,226	—	3,196	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
10,800	14,201	16,411	22,810	20,193	8,722	8,448	15,691	—	14,574	18,696	14,010	—	—	—	—	—
15,243	18,379	25,970	—	—	2,033	2,197	2,714	—	1,226	—	—	—	—	—	—	—
16,417	6,827	13,779	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
13,993	18,184	16,547	2,197	2,194	2,033	2,197	2,714	—	14,574	18,696	14,010	—	—	—	—	—
1,226	—	3,196	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
10,800	14,201	16,411	22,810	20,193	8,722	8,448	15,691	—	14,574	18,696	14,010	—	—	—	—	—
15,243	18,379	25,970	—	—	2,033	2,197	2,714	—	1,226	—	—	—	—	—	—	—
16,417	6,827	13,779	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
13,993	18,184	16,547	2,197	2,194	2,033	2,197	2,714	—	14,574	18,696	14,010	—	—	—	—	—
1,226	—	3,196	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
10,800	14,201	16,411	22,810	20,193	8,722	8,448	15,691	—	14,574	18,696	14,010	—	—	—	—	—
15,243	18,379	25,970	—	—	2,033	2,197	2,714	—	1,226	—	—	—	—	—	—	—
16,417	6,827	13,779	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
13,993	18,184	16,547	2,197	2,194	2,033	2,197	2,714	—	14,574	18,696	14,010	—	—	—	—	—
1,226	—	3,196	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
10,800	14,201	16,411	22,810	20,193	8,722	8,448	15,691	—	14,574	18,696	14,010	—	—	—	—	—
15,243	18,379	25,970	—	—	2,033	2,197	2,714	—	1,226	—	—	—	—	—	—	—
16,417	6,827	13,779	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
13,993	18,184	16,547	2,197	2,194	2,033	2,197	2,714	—	14,574	18,696	14,010	—	—	—	—	—
1,226	—	3,196	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
10,800	14,201	16,411	22,810	20,193	8,722	8,448	15,691	—	14,574	18,696	14,010	—	—	—	—	—
15,243	18,379	25,970	—	—	2,033	2,197	2,714	—	1,226	—	—	—	—	—	—	—
16,417	6,827	13,779	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
13,993	18,184	16,547	2,197	2,194	2,033	2,197	2,714	—	14,574	18,696	14,010	—	—	—	—	—
1,226	—	3,196	—	—	1,256	1,124	2,118	—	10,781	47,675	55,976	—	—	—	—	—
10,800	14,201	16,411	22,810	20,193	8,722	8,448	15,691	—	14,574	18,696	14,010	—	—	—	—	—
15,243	18,379	25,970	—	—	2,033	2,197	2,714	—	1,226	—	—	—	—	—	—	—
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PACKERS' PURCHASES

Purchases of livestock by packers at principal centers for the week ending Saturday, December 21, 1946, as reported to THE NATIONAL PROVISIONER:

CHICAGO

Armour, 3,597 hogs; Swift, 1,558 hogs; Wilson, 4,133 hogs; Western, 303 hogs; Agar, 6,113 hogs; Shippers, 9,118 hogs; Others, 24,685 hogs.

Total: 27,876 cattle; 3,165 calves; 49,870 hogs; 10,800 sheep.

KANSAS CITY

Armour ... 5,646 748 1,002 3,195
Bartsoch ... 2,783 734 1,350 4,281
Swift ... 5,556 1,465 8,835 6,932
Wilson ... 2,814 1,180 1,739 531
Campbell ... 1,689
Gifford ... 696
Others ... 10,201 81 8,573 2,282

Total ... 20,390 4,178 12,198 17,221

OMAHA

Armour ... 5,646 748 1,002 3,195
Bartsoch ... 2,783 734 1,350 4,281
Cudahy ... 5,905 1,180 5,303
Swift ... 7,646 5,320 4,188
Wilson ... 3,219 3,178
Independent ... 2,151 ...
Others ... 8,578 ...
Cattle and calves: Eagle, 40;
Gifford, Omaha, 220; Hoffman, 83;
Rothchild, 449; Roth, 163; Kingan, 1,295; Merchants, 32; Live Stock, 43.
Total: 26,825 cattle and calves;
32,228 hogs and 12,655 sheep.

ST. PAUL

Armour ... 4,742 3,293 11,503 4,386
Bartsoch ... 626
Cudahy ... 848 1,752 ... 2,617
Rifkin ... 808 23
Superior ... 1,865
Swift ... 5,434 5,533 16,719 7,571
Others ... 2,578 1,406 6,038 3,276

Total ... 16,494 12,007 28,222 14,574

SIOUX CITY

Armour ... 4,610 125 10,366 5,597
Bartsoch ... 4,202 52 13,105 4,246
Swift ... 2,897 69 8,659 3,951
Others ... 354
Shippers ... 10,733 11 11,790 1,225

Total ... 22,886 257 48,920 15,317

ST. JOSEPH

Armour ... 5,849 811 6,473 6,657
Swift ... 4,351 668 6,301 2,065
Others ... 5,721 404 3,892 213

Total ... 15,921 1,883 16,666 8,935

Not including 423 cattle and 15,663 hogs bought direct.

WICHITA

Armour ... 1,351 731 2,937 2,033
Guggenheim ... 662
Dunn-Osterdag ... 59 ... 35 ...
Dodd ... 163 ... 267 ...
Sandover ... 30 ... 35 ...
Others ... 2,640 ... 618 90

Total ... 4,905 731 8,802 2,132

OKLAHOMA CITY

Armour ... 4,050 1,048 2,284 796
Wilson ... 4,160 1,506 2,260 864
Others ... 399 3 568 ...

Total ... 9,209 3,212 5,082 1,060

Not including 158 cattle, 742 calves and 5,706 hogs bought direct.

CINCINNATI

Gall's ... 672 ... 4,464 ...
Kahn's ... 672 ... 4,464 ...
Lorey 487 ...
Meyer 2,828 ...
Schlachter ... 232 19 37 ...
National ... 330 ... 8,262 ...
Others ... 2,440 761 726 ...
Total ... 3,842 780 11,817 928

Not including 3,414 cattle and 2,909 hogs bought direct.

FORT WORTH

	Cattle	Calves	Hogs	Sheep
Armour	2,245	4,461	2,680	3,086
Swift	1,976	5,265	2,752	3,811
Blue				
Bonnet	575	32	113	...
City	179	40	178	...
Rosenthal	245	1
Total	5,220	9,829	5,732	6,897

DENVER

	Cattle	Calves	Hogs	Sheep
Armour	1,056	350	3,457	3,625
Swift	1,598	140	4,459	1,962
Cudahy	728	181	2,718	1,119
Others	3,289	188	1,989	1,120
Total	5,760	809	12,623	7,826

TOTAL PACKER PURCHASES

Week ended	Cor. week,			
Dec. 21	week 1			
Cattle	168,537	189,275	146,504	
Hogs	221,950	248,227	291,998	
Sheep	99,245	112,497	174,148	
Total	5,760	809	12,623	7,826

CHICAGO LIVESTOCK

Supplies of livestock at the Chicago Union Stockyards for current and comparative periods:

RECEIPTS

	Cattle	Calves	Hogs	Sheep	
Dec. 20	2,409	306	12,877	1,728	
Dec. 21	1,527	82	6,116	160	
Dec. 22	13,611	909	13,973	4,220	
Dec. 24	4,500	700	15,000	2,000	
Dec. 26	8,200	500	17,500	2,500	
Week	so far	26,811	2,100	46,473	8,720
Wk. ago	45,159	347	74,576	18,643	
1945	19,225	1,856	39,636	25,147	
1944	28,890	2,515	58,846	33,645	

*Including 318 cattle, 200 calves, 21,787 hogs and 233 sheep direct to packers.

SHIPMENTS

	Cattle	Calves	Hogs	Sheep	
Dec. 20	957	120	2,771	736	
Dec. 21	204	37	321	127	
Dec. 22	4,209	159	3,436	896	
Dec. 24	2,500	100	3,000	1,000	
Dec. 26	4,000	100	2,500	1,500	
Wk.	so far	10,700	337	8,986	3,306
Wk. ago	15,827	417	6,021	7,752	
1945	10,218	462	5,946	5,642	
1944	11,599	335	6,815	10,794	

DECEMBER RECEIPTS

	1946	1945
Cattle	106,809	142,468
Calves	16,317	16,011
Hogs	321,335	413,862
Sheep	100,353	165,601

DECEMBER SHIPMENTS

	1946	1945
Cattle	66,120	68,954
Hogs	36,457	73,382
Sheep	36,442	37,672

CHICAGO HOG PURCHASES

Supplies of hogs purchased by Chicago packers and shippers week ended Thursday, Dec. 26, 1946:

	Week ended Dec. 26	Prev. week
Packers' purch.	19,504	42,649
Shippers' purch.	12,281	8,526
Total	31,785	51,175

PACIFIC COAST LIVESTOCK

Receipts for five days ended Dec. 20:

	Cattle	Calves	Hogs	Sheep
Los Angeles	8,734	3,101	1,984	95
San Francisco	1,350	35	1,100	2,100
Portland	2,900	235	1,063	810

SOUTHERN LIVESTOCK KILL

Livestock slaughtered in packing plants and abattoirs during November, 1946, in Alabama, Florida and Georgia amounted to:

	Nov. 1946	Nov. 1945
Cattle	60,568	70,334
Calves	32,211	48,431
Hogs	186,216	74,903
Sheep	217	65

STAINLESS STEEL

Adelmann Ham Boilers now available in this superior metal. Life-time wear at economical cost.

Inquiries Invited

HAM BOILER CORPORATION

Office and Factory, Port Chester, N. Y. • Chicago Office, 332 S. Michigan Ave., 4

FELIN'S

ORIGINAL PHILADELPHIA SCRAPPLE

"Glorified" HAMS • BACON • LARD

DELICATESSEN

PACKERS - PORK - BEEF

John J. Felin & Co.

INCORPORATED

4142-60 Germantown Ave.
PHILADELPHIA 40, PENNA.

OUR 65TH YEAR

BERTH. LEVI & CO., INC.

ESTABLISHED 1842

THE CASING HOUSE

NEW YORK CHICAGO LONDON

BUENOS AIRES AUSTRALIA WELLINGTON

HUNTER PACKING COMPANY

EAST ST. LOUIS, ILLINOIS

BEEF • VEAL • PORK • LAMB

HUNTERIZED SMOKED AND CANNED HAM

William G. Joyce
Boston, Mass.

F. C. Rogers Co.
Philadelphia, Pa.



A. L. Thomas
Washington, D. C.

CLASSIFIED ADVERTISING

Unpublished; set solid. Minimum 20 words \$3.00, additional words 15¢ each. "Position wanted," special rate: minimum 20 words \$2.00, additional words 10¢ each. Copy address or box number as 8 words. Headline 75¢ extra. Listing advertisements 75¢ per line. Displayed: \$7.50 per inch. 10% discount for 3 identical insertions.

CLASSIFIED ADVERTISING PAYABLE IN ADVANCE. PLEASE REMIT WITH ORDER.

POSITION WANTED

Experienced Pork Packinghouse Executive

With over 30 years' service, practical all plant operations, live hog purchasing, office management and directed sales both domestic and foreign, desire position with progressive firm. W-342, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

EXPERIENCED HOTEL and restaurant sales manager wishes position in east or middle west. Have practical knowledge of all phases. Available now. W-359, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

HELP WANTED

WANTED: Manager for new independent B.A.I. packing plant in Texas. Must have thorough knowledge of all plant operations and know cost accounting. State salary expected and give references. Person employed must be ready to assume duties Feb. 15. W-344, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

PRACTICAL PLANT superintendent wanted. Experienced in slaughtering, cutting, boning, sausage manufacturing, edible and inedible operations. State age, past experience and family status. Opportunity for the man who can qualify. W-352, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

SEASONING SALESMAN wanted for established plant to travel Minnesota, Iowa, Wisconsin and northern Illinois. Must have sausage room experience. Age 25 to 35 years. Sales experience unnecessary. Liberal proposition to right party. W-369, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

SALESMAN WANTED: Experienced in selling quality sausage and provisions, to contact wholesale trade in New York territory. Good opportunity with old-established concern. Write giving full details to Box W-366, THE NATIONAL PROVISIONER, 740 Lexington Ave., New York 22, N. Y.

WANTED: A capable, young, aggressive, well experienced man to superintend a small plant. One who knows how to put out a high-class product. Plant located in the south. W-365, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

HOG KILL AND CUT FOREMAN wanted for DeKalb area. Wanted at once. Reply confidential. W-364, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

PLANTS FOR SALE

FOR SALE: Meat packing plant in northern California. Approved for federal and state inspection. Capacity 10 cattle or 50 small stock per hour. This is a young business established and profitably operated for over 50 years. New plant built in 1941. Write FS-350, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

FOR SALE: Old established packing plant near Seattle. Barns, livestock pens, acreage, trucks, etc. Grossing 1½ million annually. Netting more than 50% of selling price. Mr. Deasins or Mr. Rosling, c/o Frank L. McGuire, Inc., 825-3rd Ave., Seattle 4, Wash.

FOR SALE: small plant in middle west equipped for cattle and hog slaughtering, sausage kitchen, rendering. Railroad siding. City inspection. Write to Box FS-371, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

PLANTS WANTED

I want to buy or rent a small sausage factory in metropolitan New York or surroundings. W-373, THE NATIONAL PROVISIONER 740 Lexington Ave., New York 22, N. Y.

BUSINESS OPPORTUNITIES

We Are Carload Buyers

of mixed cars of pork, pork products, cold cuts, lard and canned meats. Wire or write your offerings.

MARTIN PACKING COMPANY
127-139 Belmont Ave., Newark 3, N. J.

EQUIPMENT FOR SALE

Meat Packers—Attention

FOR SALE: 1-500 gal. Dopp cast-iron jacketed kettle; 1-100 gal. Groen stainless steel jacketed kettle; 1-Brech 1000 lb. meat mixer; 1-BOSS 600 lb. wet tankage dryer; 1-Buffalo 43B seven-knife silent cutter; 1-Hottman 20" cutter and mixer. Send us your inquiries.

WHAT HAVE YOU FOR SALE?
Consolidated Products Co. Inc. 14-19 Park Row
New York City 7, N.Y.

FOR SALE

1-Boss casing cleaning machine model 158-\$350.00
1-Boss fat back Skinner model 172..... 300.00
1-Toledo pickle pumping scale..... 250.00
1-Worthington air compressor single stage
4½" x 4" three horsepower motor chain drive
no tank 125.00
1-Five horsepower deep-well water pump 125.00
1-National cash register distributing
machine 600.00

The National cash register machine has been used
by us for sales analysis work (Billing).
All of the above equipment is in good condition
and is available for immediate shipment.

BERKS PACKING CO., INC.
307-323 Bingaman Street, Reading, Penna.

We have for immediate delivery, subject to prior
sale and our confirmation—45,000 lacquered cans,
size 40½x14½, printed tops included; 3,000 plain
wooden boxes, type C-1, size 16½x12½x9½" to
accommodate cans; 2,000 printed wooden boxes,
type C-1, size 16½x12½x9½"; 170 cases tomato
paste, grade A, solids 27, 4%, packed 6 No. 10
cans to the case.

FRIED & REINEMAN PACKING CO.

P.O. Box 6760 N.S. Sta., Pittsburgh 12, Pa.

BUSINESS OPPORTUNITIES

Wanted

SMOKED HAMS, BACON, SMOKED
AND CANNED MEATS UNDER
PRIVATE LABEL. PURCHASER
WILL SUPPLY LABELS. FIRST
QUALITY ONLY.

Write To W-370,

THE NATIONAL PROVISIONER
740 Lexington Ave., New York 22, N. Y.

WANTED: Partner or will sell: New modern just completed packing plant in New York state. All latest and newest equipment. Capacity 400 hogs, 300 cattle, 100,000 pounds sausage per week. Wonderful opportunity for a man with sales ability. Must be honest, sober, and have references. Present owner is good practical packing house man. For further details write Box W-368, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

ARTIFICIAL CASINGS: We are cash buyers for job lots of artificial casings—unprinted or slightly printed. W-372, THE NATIONAL PROVISIONER, 740 Lexington Ave., New York 22, N. Y.

CATTLESWITCHES WANTED: Please wire or call KAISER REISMANN CORP., 288 Green St., Brooklyn 22, N. Y. Phone EVERgreen 9-5953.

No matter what you may want or need, your message will reach the entire packing industry in this section. Why not see for yourself by advertising on this page? You appeal directly to interested prospects.

WATCH THIS COLUMN FOR WEEKLY SPECIALS

Barlant and Co. list below some of their current machinery and equipment offerings, for sale, available for prompt shipment unless otherwise stated, at prices quoted F.O.B. shipping point, subject to prior sale.

Write for Our Weekly Bulletins.

SPECIAL CLOSE-OUT & SALE

NEW Cast Aluminum

HAM & LOAF MOLDS

20% Discount on List Prices Below

1344—HAM MOLDS, coll. spring: (241)

11" l., 4½" w., 6" d., cap. 8-10½", 12"

12½" l., cap. 11-12½", (579) 12" x 9½" x 6", cap.

10-12½" l., cap. 11-12½", (408) 12" x 9" x 6", cap.

8½-9" l., cap. 11-12½", (546) 12" x 9½" x 6", cap.

14-16" l., cap. 12-13½", (536) 12" x 9" x 6", cap.

1008—LOAF MOLDS, (800) flat spring,

9½" x 3½" x 4", cap. 4½" x 2", cap. 5-5½",

(also coll. ea. 5-5½"; (629) 12" x 10½" x

4½" x 4", cap. 5½", cap. 6-6½", (also coll.

ea. 6-6½"; (79) 11½" x 4" x 4", cap. 6-6½",

ea. 6-6½", (also coll. ea. 7-7½"—also 11½" x

3½" x 3½", same cap. & pr.).

Rendering & Lard Equipment

1-HASHER - WASHER Comb. 35-ton rec.

grinder \$1200.00

1-HYDRAULIC PRESS, approx. 400 tons

with motor, drive, pump, rebuilt, all

parts new except frame & pump 2750.00

1-HYDRAULIC PRESS, 300 ton, nacs 20"

plates, new 14" piston, 4000# WP, pow-

ered by 8x12x12 steam pump 4000.00

1-HYDRAULIC PRESS, #8-C, 24" x 30"

curb, 60 ton cap. 200.00

1-FILTER PRESS, approx. 24" x 24" re-

cycled type, 27 plates 650.00

1-LARD COOLING ROLL, Anco, #210,

48" x 10", excellent condition Bids req.

Refrigeration Equipment

5-FLAK-ICERS, NEW, York, with extra

spare parts, 1 ton cap., with motors

automatic, self-contained, 2 cyl. x 1650.00

10-WALK-IN FREEZERS, NEW, pre-fab-

ricated, 9' x 12' x 10' x 7'6", 3 HP, 3 ph, AC

electric refrigeration units. Original

crates, ea. 2300.00

24' x 12' x 10' x 7'6", without refrigeration

units, 2300.00

Refrigeration units available extra.

1-AMMONIA COMPRESSOR, 7½" x 7½",

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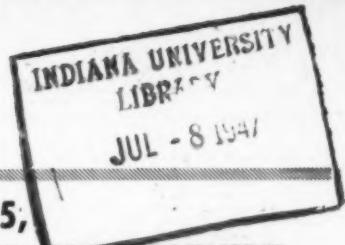
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THE NATIONAL PROVISIONER

The Magazine of the Meat Packing and Allied Industries



ALPHABETICAL INDEX TO VOLUME 115, COVERING ALL ISSUES FROM JULY 6 TO DECEMBER 28, 1946, INCLUSIVE

This index lists alphabetically principal articles and items which have appeared during the past six months. Market and statistical information appearing regularly, but not indexed, includes the following: Livestock Market Receipts and Prices, Packers' Livestock Purchases, Slaughter Reports, Weekly Hog Cut-Out Tests, Provision and Lard Market Reviews and Charts, Tallow and Grease Market Reviews, Rendering Material and Fertilizer Markets, By-product Charts and Prices, Vegetable Oil Market Reviews and Charts, Hide and Skin Market Reviews and Charts, Financial Notes, CCC Purchases and current news of the various fields covered. The current volume also contains summaries of important regulations, amendments, etc., issued by special agencies created during the war and postwar

period by the federal government which pertain to the meat packing industry.

Included as a regular feature of each weekly issue, but not indexed, is the War Meat Board's estimate on federally inspected meat production.

Proceedings—including all speeches—of the annual American Meat Institute convention are indexed under AMI Convention, October 12.

Department features appearing at regular intervals include Processing Points, Plant Operation and Maintenance, Rendering and By-Products, Meat Plant Refrigeration, Canned Meat Processing, Merchandising Methods, New Equipment and Supplies, Meat and Gravy and Up and Down the Meat Trail.

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